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The Shenandoah Nurseries

(LAKES)

Shenandoah, Iowa

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U. S. Department of Agriculture

BULLETIN

NO. 2

WITH GRADE COUNTS



April 5, 1962



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246-3563

AREA CODE 712

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR 90 YEARS

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET 30** days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—EXCEPTING PATENTED ITEMS. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS—See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

Note: We will not be responsible for the condition of stock picked up by customer if he does not have adequate protection from wind and freezing. Cattle trucks will not be loaded as they do not furnish sufficient protection.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock. Any claims for merchandise damage after delivery by Shenandoah Nurseries to the carrier shall be made by the customer to the carrier within 48 hours.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.



THE SHENANDOAH NURSERIES

D. S. LAKE, President



Please note that callipers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 5 ft. and up, 1 in. and up.....	\$11.00	\$100.00	\$950.00
Standard First Class, 4½ ft. and up, 11/16 to 1 in.....	9.50	90.00	850.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.....	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.....	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.....	4.00	35.00	300.00

	1"	11/16"	9/16"	7/16"	5/16"
Anoka	90	---	---	---	---
Baldwin	200	100	40	40	---
Beacon	40	300	110	---	200
Cortland	---	---	40	---	125
Delicious Dark Red	400	1400	700	1400	270
Delicious Yellow	400	3200	2000	---	230
Duchess Dark Red	---	350	---	50	---
Fireside	40	---	40	---	70
Grimes Golden	350	250	230	40	150
Hibernal	230	700	100	---	---
Hyslop	---	90	80	60	30
Idared	40	40	---	---	---
Jonathan Dark Red	500	2000	1500	800	740
McIntosh Dark Red	---	---	---	---	370
Minjon	---	---	200	200	130
Northwest Greening	---	300	100	50	---
Red June	---	100	---	---	---
Stayman Dark Red	160	2000	1000	300	150
Virginia	70	560	100	40	---
Wealthy	70	---	---	---	---
Whitney	---	180	90	40	---
Winesap Dark Red	---	100	280	60	---
Yellow Transparent	---	2000	800	200	400

APPLE

New and Patented Varieties

CONNELL RED

Plant Patent No. 1602

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

	10-29	30-99	100-up
	Each	Each	Each
340 4½ ft. and up, 11/16 in. and up	\$ 1.65	\$ 1.50	\$ 1.40
340 4 ft. and up, 9/16 to 11/16 in.	1.35	1.20	1.12
330 3 ft. and up, 7/16 to 9/16 in.	1.10	1.00	-----
200 2 ft. and up, 5/16 to 7/16 in.	.95	.85	-----

SUGGESTED RETAIL

	EACH	Per 3	Per 12	Per 100	Per 500
		Each	Each	Each	Each
11/16 in.	\$ 3.00	\$ 2.75	\$ 2.50	\$ 2.00	\$ 1.90
9/16 in.	2.50	2.25	2.00	1.75	1.60
7/16 in.	2.00	1.80	1.60	1.35	1.10
5/16 in.	1.75	1.55	1.40	1.10	.95

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

	Per 10	Per 100
	Each	Each
60 4 ft. and up, 9/16 to 11/16 in.	\$.90	\$.80
140 3 ft. and up, 7/16 to 9/16 in.	.70	.65
120 2 ft. and up, 5/16 to 7/16 in.	.60	.55

APPLE — DWARF

Dwarfing stock is Malling No. 2, 7 and 9. Order desired understock or we will ship any available and indicate type booked.

ONE YEAR

ONE YEAR		Per 10	Per 100	
4 ft. and up, 11/16 in. and up		\$19.00	\$175.00	
3½ ft. and up, 9/16 to 11/16 in.		16.50	150.00	
2½ ft. and up, 7/16 to 9/16 in.		14.00	125.00	
2 ft. and up, 5/16 to 7/16 in.		10.00	90.00	
	11/16"	9/16"	7/16"	5/16"
Beacon			160	100
Delicious Dark Red				1000
Delicious Yellow	440	200	130	60
Grimes Golden	500	300	270	120
Jonathan		150	900	650
Stayman Dark Red	230			190
Yellow Transparent	140	90	80	280

APPLE — QUINTUPLET

Our 5-N-1 Apple are budded to a strong two-year graft and then grown another full year to producing a strongly branched tree of five varieties. Following varieties.

Delicious Dark Red McIntosh Dark Red		Stayman Dark Red	Yellow Delicious Yellow Transparent		
			Per 10	Per 100	Per 1000
2800	Three Years, 1 in. and up		\$25.00	\$225.00	\$2000.00
2000	Three Years, 11/16 to 1 in.		20.00	185.00	1600.00
300	Three Years, 9/16 to 11/16 in.		18.00	165.00	1500.00

Available on either Beacon, Fireside or Yellow Delicious

DWARF QUINTUPLET APPLE

Dwarf form of the above on same understocks. Same variety combination.

	Per 10	Per 100
30 11/16 in.	\$25.00	\$225.00
100 5/16 in.	17.50	150.00

APPLE — SEMI-DWARF

Delcon, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

	Per 10	Per 100	Per 1000
70 1 in. and up.....	\$16.50	\$150.00	\$-----
300 11/16 in. and up.....	13.50	120.00	1100.00
50 9/16 to 11/16 in.....	10.00	90.00	850.00
20 7/16 to 9/16 in.....	7.50	70.00	650.00

APRICOTS

	Per 10	Per 100	Per 1000
2½ ft. and up, 7/16 to 9/16 in.....	\$ 7.50	\$ 70.00	\$-----
2 ft. and up, 5/16 to 7/16 in.....	5.00	45.00	-----
		7/16"	5/16"
Chinese Early Golden		90	90
Moorpark		140	190
Superb		400	400

APRICOT TREES

Seedling trees grown from seed selected in Western bearing orchards.

	Per 10	Per 100	Per 1000
2600 2½ ft. and up, 11/16 in.....	\$ 4.50	\$ 40.00	\$350.00
3000 2 ft. and up, 5/16 in.....	3.00	25.00	220.00

CHERRY — SOUR

ONE and TWO YEAR. Please specify.

	Per 10	Per 100
5 ft. and up, 1 in.....	\$13.50	\$120.00
4 ft. and up, 11/16 in. and up.....	12.00	110.00
3½ ft. and up, 9/16 to 11/16 in.....	9.50	90.00
3 ft. and up, 7/16 to 9/16 in.....	8.00	75.00
2 ft. and up, 5/16 to 7/16 in.....	6.00	55.00
	1" 11/16" 9/16" 7/16" 5/16"	
Early Richmond	200 500 800 900 850	
Montmorency	130 300 1100 1200 1000	

DWARF SOUR CHERRY**Meteor (Minn. No. 66)**

Vigorous tree with large bright red fruit. Flesh is yellow and medium juicy with a mild acid flavor. Ripens 7-10 days later than North Star.

	Per 10	Per 100
200 4 ft. and up, 11/16 in.....	\$16.50	\$150.00
100 3½ ft. and up, 9/16 in.....	14.00	125.00
500 3 ft. and up, 7/16 in.....	11.00	100.00
70 2 ft. and up, 5/16 in.....	8.00	75.00

North Star (Minn. No. 58)

Tree is small, productive, resistant to leaf spot and brown rot. Fruits ¾ inch in diameter, at first bright red, turning mahogany red. Yellowish flesh is juicy, tender and meaty. Ripens about July 1. Very hardy.

	Per 10	Per 100
100 3½ ft. and up, 9/16 in.....	\$14.00	\$120.00
100 3 ft. and up, 7/16 in.....	11.00	100.00
200 2 ft. and up, 5/16 in.....	8.00	75.00

CHERRY — SWEET**ONE YEAR.**

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up.....	\$14.00	\$125.00
4 ft. and up, 9/16 to 11/16 in.....	12.00	110.00
3 ft. and up, 7/16 to 9/16 in.....	9.00	85.00
2 ft. and up, 5/16 to 7/16 in.....	6.50	60.00
	11/16" 9/16" 7/16" 5/16"	
Kansas Sweet	900	500 300
Yellow Glass	380	300 30 ----

CHERRY — IMPROVED BESSEY

Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100
120 3 to 4 ft. transplants.....	\$ 6.50	\$ 60.00
160 12 to 18 in. transplants.....	3.00	25.00

PEACH

	Per 10	Per 100	Per 1000
4 ft. and up, 9/16 to 11/16 in.....	\$ 8.00	\$ 75.00	\$.....
3 ft. and up, 7/16 to 9/16 in.....	6.50	60.00	550.00
2 ft. and up, 5/16 to 7/16 in.....	5.00	45.00	400.00
	9/16" 7/16" 5/16"		
Belle of Georgia	100	-----	300
Champion	90	180	210
Early Elberta, Sullivans	-----	230	850
Elberta	-----	440	2700
Golden Jubilee	-----	1150	700
Hale Haven	100	750	1100
J. H. Hale	90	120	570
Red Haven	-----	170	340

SUMMERLONG**Plant Patent No. 1503**

This variety bears fruit over an extended period, often 3 or 4 weeks after first picking. Excellent quality fruit is medium sized, freestone, juicy and sweet. Elberta type color, reddish tinge with yellow flesh.

	Per 10	Per 100
100 4 ft. and up, 9/16 to 11/16 in.....	\$12.00	\$100.00
280 3 ft. and up, 7/16 to 9/16 in.....	9.00	80.00
110 2 ft. and up, 5/16 to 7/16 in.....	7.50	70.00

PEACH — DWARF

	Per 10	Per 100
4 ft. and up, 11/16 in. and up.....	\$16.50	\$150.00
3½ ft. and up, 9/16 to 11/16 in.....	14.00	125.00
3 ft. and up, 7/16 to 9/16 in.....	11.00	100.00
2 ft. and up, 5/16 to 7/16 in.....	8.00	75.00
	11/16" 9/16" 7/16" 5/16"	
Early Elberta	30	60 200 80
Elberta	180	40 180 200
Golden Jubilee	150	40 100 30
J. H. Hale	120	40 60 30
Red Haven	70	----- 20

PEAR — STANDARD

TWO YEAR		Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up	-----	\$13.50	\$120.00	\$-----
4½ ft. and up, 11/16 to 7/8 in.	-----	11.00	100.00	900.00
4 ft. and up, 9/16 to 11/16 in.	-----	9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.	-----	7.50	70.00	-----
2 ft. and up, 5/16 to 7/16 in.	-----	5.00	45.00	-----
		1" 11/16" 9/16" 7/16" 5/16"		
Bantam	40	470	240	70 60
Bartlett	100	700	1600	100 -----
Clapp Favorite	-----	50	-----	----- 20
Kieffer	500	80	70	----- -----
Lincoln	20	500	90	----- -----
Mendel	-----	-----	40	70 20
Patten	50	-----	-----	----- 20
Seckel	-----	-----	150	20 30
Waite	20	100	-----	----- -----

PEAR — DWARF

TWO YEAR		Per 10	Per 100
4 ft. and up, 11/16 in. and up	-----	\$19.00	\$175.00
3½ ft. and up, 9/16 to 11/16 in.	-----	16.50	150.00
3 ft. and up, 7/16 to 9/16 in.	-----	14.00	125.00
2 ft. and up, 5/16 to 7/16 in.	-----	11.00	100.00
		11/16" 9/16" 7/16" 5/16"	
Bartlett	-----	-----	1800 1000
Beurre de Anjou	200	260	120 -----
Clapp's Favorite	360	60	100 -----

QUADRUPLET PEAR

Our 4-N-1 Pear are Shenandoah grown, budded to two year buds and then grown another year, producing a nice branched tree. Following varieties. Bartlett, Clapp Favorite, Douglas, Kieffer or Seckel. Available on Kieffer or Seckel.

	Per 10	Per 100
350 Three Years, 9/16 to 11/16 in.	\$14.00	\$125.00
320 Three Years, 7/16 to 9/16 in.	11.00	100.00
130 Three Years, 5/16 to 7/16 in.	8.50	80.00

PLUM
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

ONE YEAR, All branched.		Per 10	Per 100
4½ ft. and up, 11/16 in. and up	-----	\$11.00	\$100.00
4 ft. and up, 9/16 to 11/16 in.	-----	9.00	85.00
3 ft. and up, 7/16 to 9/16 in.	-----	7.50	70.00
2 ft. and up, 5/16 to 7/16 in.	-----	5.00	45.00
		11/16" 9/16" 7/16" 5/16"	
Ember	60	120	120 80
Golden Rod	-----	40	100 300
Sapa	-----	-----	----- 100
Toka	200	100	----- 100

PLUM
EUROPEAN and JAPANESE

OEN YEAR, All branched.		Per 10	Per 100
4½ ft. and up, 11/16 in. and up	-----	\$11.00	\$100.00
4 ft. and up, 9/16 to 11/16 in.	-----	9.00	85.00
3 ft. and up, 7/16 to 9/16 in.	-----	7.50	70.00
2 ft. and up, 5/16 to 7/16 in.	-----	5.00	45.00
		11/16" 9/16" 7/16" 5/16"	
Allred	-----	80	120 60
Blue Damson	560	650	150 200
Burbank	-----	-----	260 790
Lombard	-----	70	200 180
Red June	-----	-----	90 360

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

ASPARAGUS, Tied 25 per bundle.**Mary Washington**

	Per 100	Per 1000
11500 2 yr. No. 1	\$ 4.00	\$ 35.00
50000 1 yr. No. 1	3.00	25.00

BLACKBERRY, Tied 25 per bundle.**Early Harvest, very early.**

1400 No. 1	7.00	65.00
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COURRANT, Tied No. 1, 25; No. 2, 50 per bundle.**Red Lake, light red berries in long clusters. Thrifty and extremely productive.**

500 2 yr. No. 1	25.00	220.00
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GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.**Oaco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly.****Ripens September first.**

960 2 yr. No. 1	27.00	240.00
160 1 yr. No. 1	21.00	180.00

Concord, black. Large bunches of tender, juicy fruit.

3700 2 yr. No. 1	21.00	180.00
1800 1 yr. No. 1	17.00	140.00

Delaware, red. Early. Small bunches and berries.

500 1 yr. No. 1	21.00	180.00
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Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.

100 2 yr. No. 1	24.00	200.00
370 1 yr. No. 1	19.00	160.00

Niagara, white. Tangy, flavorful fruit. Large bunches.

280 2 yr. No. 1	24.00	200.00
120 1 yr. No. 1	19.00	---

HORSERADISH

200 Crowns	10.00	90.00
1200 Cuttings	6.00	50.00

RASPBERRY, Tied 25 per bundle.**Cumberland, blackcap, large and juicy.**

4000 No. 1 tips	8.50	75.00
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Indian Summer, large high-quality, everbearing red.

2700 No. 1 suckers	11.00	90.00
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Latham, late, large, productive red.

2500 No. 1 suckers	10.00	85.00
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RHUBARB**Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.**

	Per 10	Per 100
700 No. 1 division	\$ 4.50	\$ 40.00

Victoria, whole root.

	Per 100	Per 1000
5000 2 yr. 1½ in. and up	\$12.00	\$110.00
6000 2 yr. 1 to 1½ in.	9.00	85.00
7000 1 yr. ¾ to 1 in.	7.00	65.00
9000 1 yr. ½ to ¾ in.	5.00	45.00

Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

ACER

Per 10 Per 100

platanoides, Norway Maple. 90 feet. Zone 4.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

200 6 to 7 ft., whips.....	\$ 9.00	\$ 85.00
100 8 to 10 ft., branched.....	32.50	300.00

platanoides Crimson King, Crimson King Maple, Pat. No. 735. Zone 5.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

	10-49 each	50-99 each
120 4 to 5 ft., whips.....	\$ 1.65	\$ 1.45
30 5 to 6 ft., whips.....	2.10	1.80
50 6 to 7 ft., whips.....	2.60	2.80
70 7 to 8 ft., whips.....	3.15	2.85

platanoides Faassen Redleaf, Faassen Redleaf Maple, Zone 5.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

Per 10 Per 100

100 4 to 5 ft., whips.....	\$14.00	\$125.00
60 5 to 6 ft., whips.....	16.50	150.00
80 6 to 8 ft., branched.....	45.00	425.00
170 8 to 10 ft., branched.....	60.00	575.00

platanoides Schwedler, Schwedler Maple, 40-50 feet. Zone 5.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

Per 10 Per 100

40 4 to 5 ft., whips.....	\$11.00	\$100.00
170 5 to 6 ft., whips.....	15.50	140.00
70 6 to 7 ft., whips.....	19.00	175.00
20 5 to 6 ft., branched.....	22.50	200.00
20 8 to 10 ft., branched.....	35.00	325.00

platanoides variegatum, Silver Variegated Norway Maple, 90 feet. Zone 4.

Popular Norway Maple form with white splotched leaves.

150 5 to 6 ft., branched.....	28.00	250.00
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rubrum, Red Maple, 120 feet. Zone 4.

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall.

40 6 to 8 ft., branched.....	32.50	300.00
30 8 to 10 ft., branched.....	42.50	400.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

saccharinum. Silver Maple. 120 feet. Zone 4.		Per 10	Per 100	Per 1000
Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.				
1750	4 to 5 ft.	\$ 6.50	\$ 60.00	\$550.00
8000	5 to 6 ft.	10.00	90.00	800.00
6000	6 to 8 ft.	15.50	140.00	1250.00
300	8 to 10 ft.	22.50	200.00	1750.00
560	1½ to 1½ in.	27.50	250.00	2250.00
100	1½ to 1½ in.	35.00	325.00	3000.00
50	1¾ to 2 in. cal.	45.00	400.00	3500.00
80	2 to 2½ in. cal.	55.00	475.00	-----

saccharum. Sugar Maple. 120 feet. Zone 4.

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall. Fine street and lawn specimen.

90	8 to 10 ft., branched	42.50	400.00	-----
70	1¼ to 1½ in. cal.	50.00	475.00	-----

BETULA

pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark.

40	4 to 5 ft.	14.00	125.00	-----
130	6 to 8 ft.	22.50	200.00	-----
240	8 to 10 ft.	30.00	275.00	-----

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more trunks from the ground.

60	3 to 4 ft.	19.00	175.00	-----
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pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with lacinate leaves very finely cut.

90	4 to 5 ft.	18.00	165.00	-----
180	5 to 6 ft.	25.00	225.00	-----
90	6 to 8 ft.	30.00	275.00	-----
120	8 to 10 ft.	37.50	350.00	-----

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 4.

Well formed shade tree of good foliage and dense habit.

80	4 to 5 ft.	8.00	75.00	-----
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CERCIS

canadensis. Eastern Redbud. 35 feet. Zone 5.

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.

380	18 to 24 in. (Shrub Form)	4.00	35.00	300.00
800	2 to 3 ft. " "	6.50	60.00	550.00
200	2 to 3 ft. (Tree Form)	7.50	70.00	-----
210	3 to 4 ft. " "	11.00	100.00	-----
160	5 to 6 ft. " "	17.50	160.00	-----
90	6 to 8 ft. " "	23.50	210.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued**CORNUS**

Per 10 Per 100 Per 1000

florida. White Flowering Dogwood. May. 40 feet. Zone 5.

Snowy white blossoms in early spring. Red berries and crimson leaves in fall.

50	18 to 24 in.....	\$11.00	\$.....	\$.....
50	3 to 4 ft.	19.00	.....	.....

mas. Cornelian Cherry. April. 24 feet. Zone 5.Small yellow flowers appear before the shiny green leaves. Edible fruit $\frac{1}{2}$ to $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

210	12 to 18 in.....	5.00	45.00	.....
120	18 to 24 in.....	6.00	55.00	.....
60	2 to 3 ft.....	7.50	70.00	.....

CRATAEGUS**crusgalli. Cockspur Thorn. 15-18 feet. Zone 5.**

White flowers and red fruit. Shiny, deep green leaves. Long thorns.

40	12 to 18 in., Moss & Poly root wrapped.....	12.00	110.00	.....
130	18 to 24 in., Moss & Poly root wrapped.....	16.50	150.00	.....
40	2 to 3 ft., Moss & Poly root wrapped.....	19.00	175.00	.....

oxyacantha. English Hawthorn. May. 15 feet. Zone 5.

Spreading branches with stout 1 inch thorns, covered with a dense foliage of 3 to 5 lobed leaves. Small white flowers in 5 to 12 flowered panicles. Scarlet fruit with 2 stones.

90	4 to 5 ft., Moss & Poly root wrapped.....	27.50	250.00	.....
170	5 to 6 ft., Moss & Poly root wrapped.....	35.00	325.00	.....

oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 5.

Flowers are double bright scarlet. One of the most showy of all the Hawthorn.

20	4 to 5 ft.....	19.00	175.00	.....
140	7 to 8 ft.....	42.50	400.00	.....

GINKGO**biloba. Maidenhair Tree. 60 feet. Zone 5.**

Per 10 Per 100

Stately tree with fan shaped foliage resembling Maidenhair Fern. Foliage turns brilliant yellow in fall. Resistant to insects and disease. Does well in city dust and smoke.

160	2 to 3 ft.....	\$20.00	\$180.00	
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NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA

Per 10 Per 100 Per 1000

triacanthos inermis. Thornless Honeylocust. May. 50-60 feet. Zone 5.

Broad, open tree with fine textured leaves that appear late in spring and drop early in fall. Long twisted pods remain on tree long after leaves have fallen. Adaptable to most any location.

260	4 to 5 ft., whips	\$ 9.00	\$ 80.00	\$750.00
90	5 to 6 ft., whips	11.00	100.00	-----
260	4 to 5 ft., branched	11.00	100.00	900.00
40	5 to 6 ft., branched	14.00	125.00	-----

triacanthos inermis. Imperial Locust. Plant Patent No. 1605.

A new graceful, spreading variety with symmetrically arranged branches that form a more regular and compact tree than any other Honeylocusts. Grows straight and strong without staking. Dainty green leaves are spaced closer than Common Honeylocust, and with the dense branching habit, form a more dense cover.

		10-29	30-99
		Each	Each
60	3 to 4 ft., 1 yr. branched	\$ 1.80	\$ 1.60

triacanthos inermis. Majestic Honeylocust. Plant Patent No. 1534.

A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.

		10-29	30-99	100-299
		Each	Each	Each
70	3 to 4 ft., 1 yr. whips	\$ 1.40	\$ 1.25	\$----
40	5 to 6 ft., 1 yr. whips	1.80	1.60	----
50	3 to 4 ft., 1 yr. branched	1.60	1.40	----
25	4 to 5 ft., 1 yr. branched	1.85	----	----
35	4 to 5 ft., 2 yr. branched	2.45	2.25	----

triacanthos inermis Moraine. Moraine Honeylocust. Patent No. 836.

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

		10-29	30-99	100-299
		Each	Each	Each
One Year Tops, Whips and Branched				
240	3 to 4 ft., 1 yr. whips	\$ 1.30	\$ 1.20	\$ 1.10
60	4 to 5 ft., 1 yr. whips	1.60	1.45	----

triacanthos inermis. Shademaster Honeylocust. Patent No. 1515.

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

		10-49	50-249	250-up
		Each	Each	Each
15	3 to 4 ft., 1 yr. whips	\$ 1.40	\$----	\$----
40	4 to 5 ft., 1 yr. whips	1.80	----	----
130	5 to 6 ft., 1 yr. whips	2.25	1.80	----
25	3 to 4 ft., 1 yr. branched	1.75	----	----
20	4 to 5 ft., 1 yr. branched	2.35	----	----

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

triacanthos inermis Skyline. (Patent No. 1619)

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

		10-29	30-99	100-299	300 up	Suggested Retail
		Each	Each	Each	Each	Each
200	3 to 4 ft., 1 yr. whips.....	\$ 1.65	\$ 1.45	\$ 1.25	\$----	\$ 3.75
100	4 to 5 ft., 1 yr. whips.....	1.80	1.60	1.40	----	4.00
90	3 to 4 ft., 1 yr. branched.....	1.80	1.60	----	----	----
90	4 to 5 ft., 1 yr. branched.....	2.15	1.90	----	----	----

triacanthos inermis. Sunburst Locust. Plant Patent No. 1313.

Bright golden foliage on 8 to 10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless.

		10-29	30-99	100-299	300 up	Suggested Retail
		Each	Each	Each	Each	Each
250	3 to 4 ft., 1 yr. whips.....	\$ 1.65	\$ 1.55	\$ 1.35	\$----	\$----
230	4 to 5 ft., 1 yr. whips.....	2.05	1.85	1.65	----	4.40
60	5 to 6 ft., 1 yr. whips.....	2.45	2.20	----	----	5.40
150	6 to 7 ft., 1 yr. whips.....	2.80	2.45	2.20	----	6.25

GYMNOCLADUS

Per 10 Per 100 Per 1000

diolcus. Kentucky Coffeetree. 90 feet. Zone 5.

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

110	3 to 4 ft.....	\$16.50	\$150.00	\$----
160	4 to 5 ft.....	22.50	200.00	----
50	5 to 6 ft.....	27.50	250.00	----

HALESIA

Carolina. Carolina Silverbell. May. 30 feet. Zone 4.

Hardest and smallest of the Silverbells. Rounded tree with open foliage that turns yellow in fall. White, bell shaped flowers.

290	18 to 24 in.....	6.00	55.00	----
190	2 to 3 ft.....	7.50	70.00	----

MALUS, ORNAMENTAL CRABAPPLE

Radiant Crab. Minnesota No. 6-C.

Tree of good form with reddish-bronze spring foliage, green in summer and fall. No record of scab, rust or fire-blight. Red flowers of medium size when the tree is quite young. Small, bright cherry red fruits often hang on all winter and are well liked by the birds.

		Per 10	Per 100
220	2 to 3 ft., whips.....	\$12.00	\$100.00

NUT, ORNAMENTAL and SHADE TREES—Continued

MALUS

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 5.50	\$ 50.00	\$ ----
3 to 4 ft.	7.50	70.00	----
4 to 5 ft.	10.00	90.00	----
5 to 6 ft.	13.00	120.00	1100.00
6 to 8 ft.	16.50	150.00	1350.00
1½ to 1½ in. Cal.	19.00	175.00	----

1¼/1½"C. 6/8' 5/6' 4/5' 3/4' 2/3'

Hopa. 30 ft. Zone 5.

Single carmine blooms, bright
red fruits. Annual.

390 470 2600 ---- ---- ----

purpurea Eleyi. 25 ft. Zone 4.

Single reddish-purple blooms
and fruits.

170 240 30 140

MALUS

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 6.00	\$ 55.00	\$ ----
3 to 4 ft.	8.00	75.00	----
4 to 5 ft.	11.00	100.00	----
5 to 6 ft.	16.50	150.00	----
6 to 8 ft.	21.50	200.00	----

6/8' 5/6' 4/5' 3/4' 2/3'

Jay Darling.

Single purplish-red flowers, purplish-red
fruit.

190 1580 500 30 240

Makamik. 40 ft. Zone 5.

Single purplish-red blooms. Bronze foll-
age. Annual.

80 20 ---- ----

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$11.00	\$100.00	\$ ----
3 to 4 ft.	14.00	125.00	----
4 to 5 ft.	16.50	150.00	----
5 to 6 ft.	21.50	200.00	----

Baccata Mandschurica. 50 ft. Zone 3.

Single, white annual. Earliest.

5/6' 4/5' 3/4' 2/3'
20 40 ---- ----

Halliana parkmanni. 15 ft. Zone 6.

Double pink flowers, red fruits.

90 ---- ----

Oekonomierat Echtermeyer. 15 ft. Zone 5.

Single purple flowers, reddish purple fruit.

90 100 40 60

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000				
2 to 3 ft.	\$ 7.50	\$ 70.00	\$				
3 to 4 ft.	10.00	90.00	.....			
4 to 5 ft.	14.00	125.00	.....			
5 to 6 ft.	19.00	175.00	.....			
6 to 8 ft.	22.50	210.00	.....			
	6/8'	5/6'	4/5'	3/4'	2/3'	18/24"	
Cowichan. 13 ft. Zone 5.							
Single purplish-red flowers, red-dish-purple fruit. Red foliage in fall. Annual.							
	60	.....	.....	.....	.....	.....
Ioensis Plena Improved.							
Similar to Ioensis Plena. Vigorous. Annual.							
	.....	40	60	70	.....	.....
Purple Wave. 8 ft. Zone 5.							
Single, rose-red bloom. Red fruit. Bronze purple foliage.							
	.....	80	.....	.....	.....	.....
Red Splendor.							
Single carmine flowers. Red fruits, purplish foliage.							
	80	.....	.....	.....	.....	.....
Sundog. 15 ft. Zone 5.							
Single, carmine flowers. Dark red fruit. Columnar. Resistant to fire blight. Annual.							
	.....	15	15	.....	.....	.....
Van Eseltine. 13 ft. Zone 4.							
Double carmine flowers. Yellow and red fruit.							
	70	.....	.....	.....	.....	.....
Wabiskaw.							
Semi-double, purplish-red. Annual. Red fall foliage. Upright.							
	15	120	40	.....	.....	.....
Malus. Flowering Crab Whips							
18 to 24 in.	Per 10	Per 100					
2 to 3 ft.	\$ 5.50	\$ 50.00					
3 to 4 ft.	6.50	60.00					
4 to 5 ft.	7.50	65.00					
	10.00	90.00					
	4/5'	3/4'	2/3'	18/24"			
Almey	30	130	210	20			
Hopa .....	.....	250	440	70			
Ioensis Plena Improved	40	280	220	60			
Jay Darling	20	170	280	.....		
Purple Wave .....	.....	.....	20	20			
Purpurea Eleyi .....	.....	.....	55	.....		
Red Splendor .....	.....	30	.....	.....	
Van Eseltine	115	50	40	.....		
Zumi Calocarpa .....	.....	30	70	.....		

PHELLODENDRON

Amurense. Amur Corktree. 45 feet. Zone 4.

Per 10 Per 100 Per 1000

Rugged tree with wide, open, massive branches and deeply furrowed bark. Small whitish flowers in June followed by clusters of round black berries. Hardy.

110 2 to 3 ft.	\$ 8.00	\$ 75.00	\$
340 3 to 4 ft.	10.00	90.00	.....
400 4 to 5 ft.	15.00	135.00	.....
460 5 to 6 ft.	22.50	200.00	.....
150 6 to 8 ft.	30.00	275.00	.....

NUT, ORNAMENTAL and SHADE TREES—Continued

PLATANUS

occidentalis. American Planetree. 120-150 feet. Zone 6. Per 10 Per 100 Per 1000

Largest leaves on one of most massive and tallest of trees. White bark peels in flakes. Popular as shade and avenue tree.

40	3 to 4 ft.	\$ 6.50	\$ 60.00	\$----
200	4 to 5 ft.	8.50	80.00	----
20	5 to 6 ft.	12.50	110.00	----
50	6 to 8 ft.	19.00	175.00	----
50	8 to 10 ft.	28.00	250.00	----
130	1½ to 1¾ in. Cal.	40.00	375.00	----
65	1¾ to 2 in. Cal.	50.00	450.00	----

POPULUS

alba pyramidalis. Bolleana Poplar. 90 feet. Zone 4.

Large tree of irregular habit; rather open and columnar. Large lobed leaves with down white undersurface are lightly red in fall. Whitish gray bark. More resistant to trunk canker than Lombardy.

300	2 to 3 ft.	3.00	25.00	----
270	3 to 4 ft.	4.00	35.00	----
70	4 to 5 ft.	6.50	60.00	----

nigra italica. Lombardy Poplar. 50-60 feet. Zone 3.

Rapid spire-like growth. Fine for screens and formal plantings.

		Per 10	Per 100	Per 1000
2400	4 to 5 ft.	\$ 3.50	\$ 30.00	\$250.00
4900	5 to 6 ft.	5.50	50.00	450.00
13000	6 to 8 ft.	7.00	65.00	600.00
16000	8 to 10 ft.	8.00	75.00	700.00
7600	1¼ to 1½ in. Cal.	11.00	100.00	900.00
1500	1½ to 1¾ in. Cal.	14.00	125.00	1100.00

PRUNUS

Per 10 Per 100 Per 1000

Newport. Purple-leaved Plum. 15 feet. Zone 4.

A large, hardy shrub or small tree with upright growth and distinctive purplish red foliage. On native plum.

100	2 to 3 ft.	\$ 8.00	\$ 75.00	\$----
70	3 to 4 ft.	11.00	100.00	----

padus. European Birdcherry. 45 feet. Zone 4.

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

110	2 to 3 ft.	8.00	75.00	----
140	3 to 4 ft.	11.00	109.00	900.00

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 6.

2	to 3 ft.	4.50	40.00	----
3	to 4 ft.	7.50	70.00	----
4	to 5 ft.	11.00	100.00	----
5	to 6 ft.	14.00	125.00	----

Cardinal, double red	3/4'	2/3'
	660	670
Iceberg, white	100	80

NUT, ORNAMENTAL and SHADE TREES—Continued

PRUNUS—Continued

Per 10 Per 100 Per 1000

persica Purpleleaf.

A vigorous growing purple leaved Peach. Provides useful color accent.

1870	2 to 3 ft.	\$ 4.00	\$ 35.00	\$300.00
4100	3 to 4 ft.	5.50	50.00	450.00

subhirtella. Weeping Cherry. 30 feet. Zone 6.

Single, light pink flowers in late April before the leaves appear. Weeping.

150	5 to 6 ft.	45.00	425.00	-----
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QUERCUS

alba. White Oak. 90 feet. Zone 5.

Majestic tree with broad round head and wide spreading branches. Dense foliage turns purplish red in autumn. Slower growing than Red Oak.

120	5 to 6 ft.	25.00	225.00	-----
220	6 to 8 ft.	35.00	325.00	-----
60	8 to 10 ft.	45.00	425.00	-----

borealis. Red Oak. 75 feet. Zone 5.

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

170	4 to 5 ft.	19.00	175.00	-----
180	5 to 6 ft.	25.00	225.00	-----
180	6 to 8 ft.	35.00	325.00	-----

palustris. Pin Oak. 75 feet. Zone 5.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

		Per 10	Per 100	Per 1000
670	4 to 5 ft.	\$16.50	\$150.00	\$1350.00
1000	5 to 6 ft.	22.50	200.00	1750.00
500	6 to 8 ft.	32.50	300.00	2750.00
300	8 to 10 ft.	45.00	400.00	3750.00
240	1½ to 1¾ in. Cal.	60.00	575.00	-----
320	1¾ to 2 in. Cal.	65.00	625.00	-----
240	2 to 2½ in. Cal.	70.00	675.00	-----

SALIX

Per 10 Per 100 Per 1000

alba tristis. Niobe Willow. 50 feet. Zone 3.

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

200	3 to 4 ft.	\$ 5.50	\$ 50.00	\$-----
640	4 to 5 ft.	6.50	60.00	550.00
1200	5 to 6 ft.	11.00	100.00	900.00

alba vitellina. Russian Golden Willow. 30 feet. Zone 3.

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

790	4 to 5 ft.	5.50	50.00	450.00
1170	5 to 6 ft.	8.00	75.00	700.00
330	6 to 8 ft.	11.00	100.00	900.00

NUT, ORNAMENTAL and SHADE TREES—Continued**SALIX—Continued**

Per 10 Per 100 Per 1000

babylonica. Babylon Weeping Willow. 30 feet. Zone 6.

One of the best of the weeping willows wherever hardy. Bright green foliage.

120	3 to 4 ft.	\$ 5.00	\$ 45.00	\$ ---
90	4 to 5 ft.	6.50	60.00	550.00
430	5 to 6 ft.	11.00	100.00	900.00
400	6 to 8 ft.	15.00	135.00	1200.00
140	8 to 10 ft.	22.50	200.00	---

blanda. Wisconsin Weeping Willow. 40 feet. Zone 5.

A very hardy, popular, free-barked weeping willow. Wide-spreading head.
Long drooping branches are extremely graceful.

		Per 10	Per 100	Per 1000
750	4 to 5 ft.	\$ 6.50	\$ 60.00	\$550.00
1900	5 to 6 ft.	11.00	100.00	900.00
2700	6 to 8 ft.	15.00	135.00	1200.00
2000	8 to 10 ft.	22.50	200.00	1800.00
50	1¼ to 1½ in. Cal.	30.00	275.00	---

discolor French. French Pussy Willow. 20 feet. Zone 3.

Per 10 Per 100 Per 1000

A fine cultivated French variety having especially long catkins.

730	12 to 18 in.	\$ 3.00	\$ 25.00	\$ ---
530	18 to 24 in.	3.50	30.00	250.00

discolor French Pink. 20 feet. Zone 3.

A new French variety with pinkish, long catkins.

530	12 to 18 in.	3.50	30.00	---
470	18 to 24 in.	4.50	40.00	350.00
40	2 to 3 ft.	5.50	50.00	450.00
300	3 to 4 ft.	7.00	65.00	---

SOPHORA**japonica. Japanese Pagodatree. 70 feet. Zone 4.**

Also known as Chinese Scholartree. A rounded, wide branching tree with dark green leaves resembling those of a Locust. Leaves green until late in fall. Small yellowish-white flowers in loose 6 inch clusters most conspicuous in August. Yellow pods usually remain on tree all winter. Withstands city conditions.

50	18 to 24 in., Moss and Poly root wrapped..	6.50	---	---
40	2 to 3 ft., Moss and Poly root wrapped....	8.50	---	---

SORBUS**aucuparia. European Mountainash. 45 feet. Zone 3.**

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

260	2 to 3 ft., whips	8.50	80.00	---
230	3 to 4 ft., whips	11.00	100.00	---

TILIA**americana. American Linden. 100 feet. Zone 3.**

Rather fast growing tree with open head. Large, coarse leaves turn yellow in fall. Drooping clusters of fragrant yellow flowers in July. Good street tree.

40	3 to 4 ft.	9.00	85.00	---
90	4 to 5 ft.	12.50	110.00	---
20	5 to 6 ft.	20.00	175.00	---
35	6 to 8 ft.	25.00	225.00	---
35	1¼ to 1½ in. Cal.	42.50	---	---

cordata. Littleleaf Linden. 90 feet. Zone 4.

Usually a slow growing, small tree of very dense habit and tightly pyramidal form. Broad, heart shaped leaves are very dark green above and lighter beneath. An excellent shade and street tree.

340	3 to 4 ft.	16.50	150.00	---
400	4 to 5 ft.	20.00	175.00	---

NUT, ORNAMENTAL and SHADE TREES—Continued

ULMUS

Per 10 Per 100 Per 1000

americana. American Elm. 100-120 feet. Zone 2.

A stately tree of unique vase-shaped form with widely arching branches.

1000	4 to 5 ft.	\$ 5.50	\$ 50.00	\$450.00
2160	5 to 6 ft.	8.00	75.00	700.00
1450	6 to 8 ft.	12.00	110.00	1000.00
400	8 to 10 ft.	18.00	165.00	1500.00

hybrid. Hybrid Elm. 60 feet. Zone 4.

Hybrid of americana and pumila on pumila. Large dark green leaves. Strong, straight branches. Hardy.

620	3 to 4 ft.	8.00	75.00	-----
820	4 to 5 ft.	10.00	90.00	-----
540	5 to 6 ft.	14.00	125.00	-----
400	6 to 8 ft.	22.50	200.00	-----

pumila. Chinese Elm. 75 feet. Zone 5.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

1500	3 to 4 ft.	3.00	25.00	200.00
2500	4 to 5 ft.	4.00	35.00	300.00
4000	5 to 6 ft.	7.00	65.00	600.00
3000	6 to 8 ft.	11.00	100.00	900.00
1100	8 to 10 ft.	15.00	135.00	1250.00
280	1¼ to 1½ in. Cal.	22.50	200.00	1750.00
40	1½ to 1¾ in. Cal.	32.50	300.00	-----

Ornamental Shrubs

Our shrubs are bushy and well rooted, twice transplanted and many graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

ACANTHOPANAX

Per 10 Per 100 Per 1000

sieboldianus. Siebold Acanthopanax. June. 9 feet. Zone 5.

Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.

50	12 to 18 in.	\$ 3.00	\$ 25.00	\$-----
130	18 to 24 in.	5.00	45.00	400.00
270	2 to 3 ft.	6.00	55.00	500.00
170	3 to 4 ft.	7.50	70.00	650.00
190	4 to 5 ft.	9.00	85.00	-----

ACER

ginnala. Amur Maple. 20 feet. Zone 3.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.

130	18 to 24 in.	6.50	60.00	-----
70	5 to 6 ft.	25.00	225.00	-----
30	6 to 8 ft.	30.00	275.00	-----

ARONIA

arbutifolia. Red Chokeberry. May. 9 feet. Zone 6.

Small white flowers. Bright red berries in profusion. Red fall foliage. Dependable in any soil.

20	9 to 12 in.	2.50	20.00	-----
30	12 to 18 in.	3.50	30.00	-----
40	18 to 24 in.	5.00	45.00	-----
60	2 to 2½ ft.	6.00	55.00	-----

BERBERIS

mentorensis. Mentor Barberry. May. 5 feet. Zone 6.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

140	15 to 18 in.	5.50	50.00	450.00
250	18 to 24 in.	6.50	60.00	550.00
240	2 to 2½ ft.	8.00	75.00	700.00
140	2½ to 3 ft.	10.00	900.00	-----

thunbergi. Japanese Barberry. May. 5 feet. Zone 6.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

200	9 to 12 in.	2.50	20.00	180.00
2000	12 to 15 in.	3.50	30.00	250.00
4000	15 to 18 in.	4.00	35.00	320.00
2500	18 to 24 in.	5.00	45.00	400.00
200	2 to 2½ ft.	6.00	55.00	500.00
750	2½ to 3 ft.	7.00	65.00	600.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 5 feet. Zone 6.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

	Per 10	Per 100	Per 1000
2700 9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
400 12 to 15 in.	4.00	35.00	300.00
5000 15 to 18 in.	5.00	45.00	400.00
1000 18 to 24 in.	6.00	55.00	500.00
500 2 to 2½ ft.	7.00	65.00	600.00
1070 2½ to 3 ft.	8.00	75.00	700.00

ORNAMENTAL SHRUBS—Continued

BERBERIS—Continued

Per 10 Per 100 Per 1000

thunbergi erecta. Truededge Columnberry. May. 6 feet. Zone 6.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

400	12 to 15 in.	\$ 3.00	\$ 25.00	\$200.00
810	18 to 24 in.	5.00	45.00	400.00
50	2 to 2½ ft.	6.00	55.00	-----

BUDDLEIA

Butterflybush. July. 4-6 feet. Zone 6.

Cut tops back severely when planting for best results.

No. 1	4.00	35.00	320.00
Medium	3.50	32.00	280.00

Varieties available at above prices.

No. 1 Medium

Charming. 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

3350 1160

Dubonnet. 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

1620 1920

Empire Blue.

An excellent shade of blue combining Aster blue with a lilac tone.

1000 370

Ile de France. 4-5 feet.

Long spikes of dark claret-purple.

6400 4000

Peace.

Pure white flowers in long, well-formed spikes. Vigorous plant.

4280 810

Royal Red.

Rich, dark royal purple flowers. Foliage deep leathery green.

5200 130

CALLICARPA

Per 10 Per 100 Per 1000

dichotoma. Purple Beautyberry. August. 4 feet. Zone 6.

Small pink flowers in clusters. Large showy clusters of purple berries.

110	2 to 3 ft.	\$ 5.50	\$ 50.00	\$-----
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CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 3.

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

560	12 to 18 in.	2.50	22.00	200.00
80	18 to 24 in.	3.50	30.00	250.00
500	2 to 3 ft.	4.50	40.00	350.00

CARYOPTERIS

clandonensis. Blue Mist. August. 4 feet. Zone 6.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

		Per 10	Per 100	Per 1000
4550	No. 1	\$ 4.50	\$ 40.00	\$350.00
2150	Medium	3.50	30.00	250.00
300	No. 3	2.50	22.00	200.00

incana azure. Azure Blue Spirea. August. 2 feet. Zone 6. Per 10 Per 100 Per 1000

Azure blue flowers. Good foliage. Bush is more compact and more dwarf than regular Blue Mist.

80	No. 1	\$ 5.50	\$ 50.00	\$-----
320	Medium	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

CHAENOMELES

	Per 10	Per 100	Per 1000
japonica. Japanese Flowering Quince. May. 3 feet. Zone 5.			
Orange-scarlet flowers and spicily fragrant rounded fruits. Dark shiny foliage. Bushy, dense growth. Cutting grown.			
500 9 to 12 in.....	\$ 3.00	\$ 25.00	\$200.00
1200 12 to 18 in.....	4.00	35.00	300.00
2000 18 to 24 in.....	5.00	45.00	400.00
500 2 to 3 ft.....	6.00	55.00	500.00
japonica rubra. Red Flowering Japanese Quince. May. 3 feet. Zone 5.			
An improved, non-fruiting strain which produces true bright red flowers.			
2490 12 to 18 in.....	4.00	35.00	300.00
1190 18 to 24 in.....	5.00	45.00	400.00
460 2 to 3 ft.....	6.00	55.00	500.00
lagenaria and superba. Japan Quince. 6 feet. Zone 5.			
9 to 12 in.....	4.50	40.00	-----
12 to 18 in.....	5.50	50.00	-----
18 to 24 in.....	7.50	70.00	-----
2 to 3 ft.....	9.50	90.00	-----

Following varieties and sizes at above prices:

	2/3'	18/24"	12/18"	9/12"
Crimson Beauty (S) large, deep rose. Several bloomings.	40	20	10	----
Kermesina semiplena (L) deep pink. Large 2 in. semi-double blooms. Erect plant.	10	----	50	30
Nivalis (L) white. Single 50	50	50	100	90
Pink Lady (S) pink. Large flowers on low spreading almost thornless plant. Long blooming period.	----	----	60	----
Red Chief (L) deep red. 20	20	10	90	50
Texas Scarlet (S) watermelon red. Low, compact, almost thornless plant. 190	190	390	400	160

CORNUS

	Per 10	Per 100	Per 1000
alba sibirica. Siberian Dogwood. May. 9 feet. Zone 3.			
Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.			
220 12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
2000 18 to 24 in.....	5.00	45.00	400.00
1100 2 to 3 ft.....	6.00	55.00	500.00
440 3 to 4 ft.....	7.50	70.00	650.00
210 4 to 5 ft.....	9.00	85.00	-----
stolonifera. Redosier Dogwood. May. 7 feet. Zone 3.			
Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.			
190 18 to 24 in.....	5.00	45.00	400.00
760 2 to 3 ft.....	6.00	55.00	500.00
490 3 to 4 ft.....	7.50	70.00	650.00
100 4 to 5 ft.....	9.00	85.00	-----
stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 3.			
A striking yellow-branched form of stolonifera, highly decorative.			
260 12 to 18 in.....	4.00	35.00	300.00
800 18 to 24 in.....	5.50	50.00	450.00
380 2 to 3 ft.....	6.50	60.00	550.00
130 3 to 4 ft.....	8.00	75.00	-----

COTONEASTER

divaricata. Spreading Cotoneaster. May. 6 feet. Zone 6.			
Pink flowers followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful spreading habit.			
60 12 to 18 in.....	6.00	55.00	-----
250 18 to 24 in.....	8.00	75.00	-----
400 2 to 3 ft.....	9.00	85.00	-----

ORNAMENTAL SHRUBS—Continued

DEUTZIA

Per 10 Per 100 Per 1000

gracilis. Slender Deutzia. May. 3 feet. Zone 5.

Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.

3000	12 to 15 in.	\$ 5.00	\$ 45.00	\$400.00
1500	15 to 18 in.	6.00	55.00	500.00
390	18 to 24 in.	7.50	70.00	650.00

lemolnei. Lemolne Deutzia. May. 7 feet. Zone 5.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

60	18 to 24 in.	5.50	50.00	450.00
620	2 to 2½ ft.	7.50	70.00	650.00
1150	2½ to 3 ft.	8.50	80.00	750.00

rosea. Rosepanicle Deutzia. May. 4 feet. Zone 5.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "eximea" or "rosea eximea".

300	9 to 12 in.	3.50	30.00	250.00
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scabra. Pride of Rochester. May. 6-8 feet. Zone 6.

Double white flowers remain effectively in bloom over a long period. Earlier to bloom than other varieties.

600	12 to 18 in.	3.00	25.00	200.00
840	18 to 24 in.	4.50	40.00	350.00
400	2 to 3 ft.	5.50	50.00	450.00

EUONYMUS

alatus Dwarf. Dwarf Winged Euonymus. May. 4 feet. Zone 4.

An excellent dwarf, compact variety. Ideal for hedging. Brilliant scarlet autumn color.

760	9 to 12 in.	6.00	55.00	-----
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fortunei radicans erecta. Upright Common Wintercreeper. 4 feet. Zone 5.

Berryhill strain. Excellent for hedge or specimen. Requires little or no shearing. Foliage is shiny, dark green and evergreen.

330	9 to 12 in.	4.00	35.00	300.00
640	12 to 15 in.	5.50	50.00	450.00
400	15 to 18 in.	7.00	65.00	600.00
230	12 to 15 in., B & B.	15.00	125.00	-----
380	15 to 18 in., B & B.	17.50	150.00	-----
300	18 to 24 in., B & B.	20.00	175.00	-----
50	2 to 2½ ft., B & B.	22.50	200.00	-----

lauchovicus. (Patens) Spreading Euonymus. 9 feet. Zone 7.

Somewhat similar to but hardier than the evergreen Euonymus japonica. Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.

220	9 to 12 in.	4.50	40.00	350.00
560	12 to 15 in.	5.50	50.00	450.00
330	15 to 18 in.	7.00	65.00	600.00
490	15 to 18 in., B & B.	17.50	150.00	-----
480	18 to 24 in., B & B.	20.00	175.00	-----
50	2 to 2½ ft., B & B.	22.50	200.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Per 10 Per 100 Per 1000

yedoensis. Yeddo Euonymus. May. 10 feet. Zone 5.

Broad spreading shrub. Rich bright green foliage turns brilliant red in autumn and remains on the plant during the winter in its hardiness zone. An abundance of rose colored berries.

120	12 to 18 in.	\$ 4.00	\$ 35.00	\$-----
100	18 to 24 in.	5.50	50.00	-----

FORSYTHIA

Arnold Dwarf. 2 feet. Zone 5.

A new dwarf type with excellent foliage. Desirable as a ground cover.

200	12 to 18 in.	5.00	45.00	400.00
30	18 to 24 in.	6.50	60.00	550.00

Beatrix Farrand. 6-8 feet. Zone 5.

A new Forsythia from the Arnold Arboretum. Very vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter with striking orange markings in the throat.

500	12 to 18 in.	4.00	35.00	300.00
2600	18 to 24 in.	5.50	50.00	450.00
300	2 to 3 ft.	6.50	60.00	550.00

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

200	12 to 18 in.	4.00	35.00	300.00
6000	18 to 24 in.	5.50	50.00	450.00
3000	2 to 3 ft.	6.50	60.00	550.00
2100	3 to 4 ft.	8.00	75.00	700.00

Lynwood Gold. April. 6-8 feet. Zone 5.

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

50	12 to 18 in.	4.00	35.00	300.00
600	18 to 24 in.	5.50	50.00	450.00
2100	2 to 3 ft.	6.50	60.00	550.00
580	3 to 4 ft.	8.00	75.00	-----

ovata. Early Forsythia. April. 6-8 feet. Zone 5.

The earliest to bloom and also the hardiest Forsythia. Good yellow blooms.

460	12 to 18 in.	4.00	35.00	300.00
1560	18 to 24 in.	5.00	45.00	400.00
1180	2 to 2½ ft.	6.00	55.00	500.00
150	3 to 4 ft.	7.50	70.00	-----

Spring Glory. April. 7-8 feet. Zone 5.

A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

		Per 10	Per 100	Per 1000
900	12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
1800	18 to 24 in.	5.50	50.00	450.00
5100	2 to 3 ft.	6.50	60.00	550.00
1200	3 to 4 ft.	8.00	75.00	700.00
90	4 to 5 ft.	10.00	90.00	-----

Per 10 Per 100 Per 1000

suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 6.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

430	18 to 24 in.	\$ 6.00	\$ 55.00	\$500.00
330	2 to 3 ft.	7.00	65.00	600.00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Per 10 Per 100 Per 1000

suspensa sieboldi. Siebold Weeping Forsythia. April. 9 feet. Zone 6.

Bright yellow flowers are produced on very slender pendulous branches. Can be used to overhang wall or trained for a trellis. Branches root readily where they touch the ground.

70	12 to 18 in.	\$ 4.50	\$ 40.00	\$350.00
530	18 to 24 in.	6.00	55.00	500.00
190	2 to 3 ft.	7.00	65.00	600.00

HIBISCUS

syriacus. Shrubalthea. (Rose of Sharon) August. 10-12 feet. Zone 6.

Large desirable shrub for specimen, group and screen planting. Available Spring only.

12	to 18 in.	3.00	25.00	200.00
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12/18"

Anemone,	double pink	-----	400	
Ardens,	double purple	-----	350	
Boule de Feu,	double, purplish-red	-----	500	
Jeanne de Arc,	double pure white	-----	180	

HYDRANGEA

Per 10 Per 100 Per 1000

arborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

200	18 to 24 in.	\$ 5.50	\$ 50.00	\$450.00
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macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 6.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water.

320	Medium	7.00	65.00	600.00
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paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

30	12 to 18 in.	3.50	30.00	-----
30	18 to 24 in.	5.50	50.00	-----
90	2 to 3 ft.	6.50	60.00	-----

HYPERICUM

kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 5.

Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

300	12 to 15 in.	4.50	40.00	350.00
1200	15 to 18 in.	5.50	50.00	450.00
3450	18 to 24 in.	7.00	65.00	600.00
360	2 to 2½ ft.	8.50	80.00	750.00

prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 5.

Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

180	15 to 18 in.	5.50	50.00	-----
1240	18 to 24 in.	7.00	65.00	600.00
330	2 to 2½ ft.	8.50	80.00	750.00

ORNAMENTAL SHRUBS—Continued

KOLKWTZIA

Per 10 Per 100 Per 1000

amabilis. Beautybush. June. 10 feet. Zone 5.

A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.

300	9 to 12 in.	\$ 3.50	\$ 30.00	\$ ----
1100	12 to 18 in.	4.50	40.00	----
1140	18 to 24 in.	6.50	60.00	----
370	2 to 3 ft.	8.50	80.00	----
80	3 to 4 ft.	10.00	90.00	----

LAGERSTROEMIA

indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.

18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

18/24" 12/18"

Pink	470	500	
Purple	500	500	
Watermelon Red	280	1000	
White	50	90	

LONICERA

Per 10 Per 100 Per 1000

Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 5.

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

240	2 to 3 ft.	\$ 6.00	\$ 55.00	\$ ----
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korolkowi. Blue Leaf Honeysuckle. May. 12 feet. Zone 5.

Blue to gray-green foliage. Rose pink flowers in May followed by bright red and orange berries in July and August.

50	12 to 18 in.	4.50	40.00	----
240	18 to 24 in.	6.00	55.00	----
380	2 to 3 ft.	7.50	70.00	----
130	3 to 4 ft.	9.00	85.00	----

morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4.

Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.

290	18 to 24 in.	4.50	40.00	350.00
280	2 to 3 ft.	5.50	50.00	450.00
130	3 to 4 ft.	7.00	65.00	----

tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers of pure white are followed by red berries. Upright, neat habit.

1170	12 to 18 in.	3.50	30.00	250.00
930	18 to 24 in.	4.50	40.00	350.00

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.

1230	12 to 18 in.	3.00	25.00	200.00
110	18 to 24 in.	4.50	40.00	350.00
200	2 to 3 ft.	5.50	50.00	450.00

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.

100	12 to 18 in.	3.50	30.00	250.00
100	18 to 24 in.	4.50	40.00	350.00
100	2 to 3 ft.	5.50	50.00	450.00

zabell. Zabel Honeysuckle. May. 7 feet. Zone 5.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardness.

400	12 to 18 in.	3.50	30.00	----
200	18 to 24 in.	4.50	40.00	350.00
200	2 to 3 ft.	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS

Per 10 Per 100 Per 1000

coronarius. Sweet Mockorange. May. 9 feet. Zone 5.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

220	18 to 24 in.	\$ 5.00	\$ 45.00	\$400.00
620	2 to 3 ft.	6.00	55.00	500.00
500	3 to 4 ft.	7.50	70.00	650.00

lemoinei Innocence. June. 8 feet. Zone 6.

One of the most fragrant varieties. Long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

50	12 to 18 in.	4.50	40.00	-----
100	18 to 24 in.	5.50	50.00	-----
50	2 to 3 ft.	7.00	65.00	-----

Minnesota Snowflake. May-June. 6-7 feet. Zone 5.

Double, white, fragrant blooms. Plants retain dark green leaves close to ground. Vigorous.

400	12 to 18 in.	5.00	45.00	400.00
90	18 to 24 in.	6.00	55.00	-----

virginalis. Virginal. June. 6-8 feet. Zone 6.

Double flowering, fragrant Mock orange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

500	12 to 18 in.	4.00	35.00	300.00
600	18 to 24 in.	5.50	50.00	450.00

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 3.

Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on larger plants during the winter.

300	18 to 24 in.	4.50	40.00	-----
560	2 to 3 ft.	5.50	50.00	-----
100	3 to 4 ft.	7.00	65.00	-----

opulifolius luteus. Goldleaf Ninebark. June. 8-10 feet. Zone 3.

Wide spreading habit but maintains a formal outline. Foliage yellow most of the season if grown in full sunlight, turning to light green near end of summer. Small white flowers, reddish-brown dry capsules.

280	18 to 24 in.	4.50	40.00	-----
350	2 to 3 ft.	5.50	50.00	-----
100	3 to 4 ft.	7.00	65.00	-----

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 3.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.

200	18 to 24 in.	4.50	40.00	350.00
3000	2 to 3 ft.	5.50	50.00	450.00
250	3 to 4 ft.	7.00	65.00	-----

POTENTILLA

fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

510	12 to 15 in.	6.00	55.00	-----
1000	15 to 18 in.	7.00	65.00	600.00
660	18 to 24 in.	8.50	80.00	750.00

fruticosa veitchi. Bush Cinquefoil. May. 4 feet. Zone 2.

Low rather dense shrub with conspicuous white flowers in early summer and sparingly until September.

170	12 to 15 in.	5.50	50.00	-----
200	15 to 18 in.	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

PRUNUS

Per 10 Per 100 Per 1000

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

1200 9 to 12 in.	\$ 4.00	\$ 35.00	\$ ---
700 12 to 18 in.	5.00	45.00	400.00

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 5.

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

300 12 to 18 in.	4.00	35.00	300.00
4000 18 to 24 in.	5.50	50.00	450.00
1000 2 to 3 ft.	6.50	60.00	550.00
1600 3 to 4 ft.	8.00	75.00	700.00

tomentosa. Manchu Cherry. April. 9 feet. Zone 2.

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries, ½ inch in diameter.

70 9 to 12 in.	2.50	20.00	---
300 12 to 18 in.	3.50	30.00	---
3000 18 to 24 in.	5.00	45.00	400.00
2400 2 to 3 ft.	6.00	55.00	500.00

tomentosa Orient. April. 9 feet. Zone 2.

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded plum.

60 5 to 6 ft.	18.00	165.00	---
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triloba. Flowering Plum. April. 15 feet. Zone 6.

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

60 12 to 18 in.	4.00	35.00	---
860 18 to 24 in.	6.50	60.00	550.00

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 4.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.

650 12 to 18 in.	4.50	40.00	---
1380 18 to 24 in.	5.50	50.00	---
50 2 to 3 ft.	7.00	65.00	---

glabra. Smooth Sumac. July. 15 feet. Zone 3.

Small greenish flowers are followed by bunches of crimson berries which hang on into winter. Bright red autumn foliage.

260 12 to 18 in.	2.50	20.00	---
130 18 to 24 in.	3.50	30.00	---
30 2 to 3 ft.	4.50	40.00	---
100 3 to 4 ft.	5.50	50.00	---

SALIX

purpurea gracilis. Dwarf Arctic Blue Willow. March. 9 feet. Zone 5.

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

1500 12 to 15 in.	3.00	25.00	200.00
2900 15 to 18 in.	3.50	30.00	250.00
2400 18 to 24 in.	4.00	35.00	300.00
420 2 to 2½ ft.	4.50	40.00	350.00
210 2½ to 3 ft.	5.50	50.00	---

ORNAMENTAL SHRUBS—Continued

SAMBUCUS

Per 10 Per 100 Per 1000

canadensis aurea. Golden American Elder. June. 12 feet. Zone 3.

Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.

340	12 to 18 in.	\$ 4.00	\$ 35.00	\$----
400	18 to 24 in.	5.00	45.00	----
60	2 to 3 ft.	6.50	60.00	----
80	3 to 4 ft.	8.00	75.00	----
50	4 to 5 ft.	10.00	90.00	----

SPIREA

albiflora. Japanese White Spirea. July. 1½ feet. Zone 5.

Dense, compact, low shrub covered with clusters of white flowers in July.

50	9 to 12 in.	3.50	30.00	----
40	12 to 15 in.	4.50	40.00	----

arguta. Garland Spirea. May. 5-6 feet. Zone 5.

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.

110	12 to 18 in.	3.50	30.00	250.00
600	18 to 24 in.	5.00	45.00	400.00
1000	2 to 3 ft.	6.00	55.00	500.00

billardi pink. Billard Spirea. June. 6 feet. Zone 5.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

260	9 to 12 in.	2.50	20.00	----
2070	12 to 18 in.	3.50	30.00	250.00
4900	18 to 24 in.	5.00	45.00	400.00
4000	2 to 3 ft.	6.00	55.00	500.00

billardi white. Billardi Spirea. June. 6 feet. Zone 5.

Spikes of snow white flowers. Similar to Billardi Pink in habit of growth.

50	12 to 18 in.	3.50	30.00	----
150	18 to 24 in.	5.00	45.00	----
330	2 to 3 ft.	6.00	55.00	----

bumalda Anthony Waterer. June. 2 feet. Zone 5.

Flat clusters of bright crimson flowers to 6 inches in diameter are produced over a period of several weeks.

600	9 to 12 in.	3.00	25.00	200.00
3000	12 to 15 in.	4.00	35.00	300.00
8000	15 to 18 in.	5.00	45.00	400.00
6800	18 to 24 in.	6.00	55.00	500.00
1600	2 to 2½ ft.	7.50	70.00	650.00
190	2½ to 3 ft.	9.00	85.00	----

bumalda Froebel. Froebel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers.

Young foliage has purplish tips. Autumn coloration reddish bronze.

Per 10 Per 100 Per 1000

1090	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
1000	12 to 18 in.	4.00	35.00	300.00
200	18 to 24 in.	4.50	40.00	350.00
3900	2 to 2½ ft.	5.50	50.00	450.00
2900	2½ to 3 ft.	6.50	60.00	550.00

Per 10 Per 100 Per 1000

japanica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 5.

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

890	9 to 12 in.	\$ 3.50	\$ 30.00	\$----
1200	12 to 15 in.	4.50	40.00	350.00
620	15 to 18 in.	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Per 10 Per 100 Per 1000

margaritae. Margarita Spirea. June. 4 feet. Zone 5.

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

50	9 to 12 in.	\$ 3.00	\$ 25.00	\$ ----
50	12 to 15 in.	4.00	35.00	----

thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

410	12 to 18 in.	3.00	25.00	200.00
1700	18 to 24 in.	5.00	45.00	400.00
3500	2 to 3 ft.	6.00	55.00	500.00
1070	3 to 4 ft.	7.00	65.00	600.00

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

7500	9 to 12 in.	2.00	18.00	----
34000	12 to 18 in.	3.00	25.00	200.00
30000	18 to 24 in.	4.00	35.00	320.00
14000	2 to 3 ft.	5.00	45.00	400.00
1700	3 to 4 ft.	6.50	60.00	550.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 4.

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

320	12 to 18 in.	3.00	25.00	200.00
1370	18 to 24 in.	3.50	30.00	250.00
100	2 to 3 ft.	4.00	35.00	320.00

orbiculatus. Indiangrant Coralberry. July. 5-6 feet. Zone 2.

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

520	12 to 18 in.	3.00	25.00	200.00
720	18 to 24 in.	3.50	30.00	250.00
890	2 to 3 ft.	4.00	35.00	320.00

SYRINGA

chinensis. Chinese Lilac. May. 15 feet. Zone 5.

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

100	12 to 18 in.	4.50	40.00	350.00
600	18 to 24 in.	5.50	50.00	450.00
4900	2 to 3 ft.	6.50	60.00	550.00
2350	3 to 4 ft.	7.50	70.00	650.00

josikaea. Hungarian Lilac. June. 12 feet. Zone 3.

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

540	12 to 18 in.	4.50	40.00	350.00
1570	18 to 24 in.	5.50	50.00	450.00
2300	2 to 3 ft.	6.50	60.00	550.00
700	3 to 4 ft.	8.00	75.00	700.00

villosa. Late Lilac. June. 9 feet. Zone 2.

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

1040	12 to 18 in.	4.50	40.00	350.00
870	18 to 24 in.	5.50	50.00	450.00
480	2 to 3 ft.	6.50	60.00	550.00
100	3 to 4 ft.	8.00	75.00	----

vulgaris alba. White Common Lilac. May. 20 feet. Zone 3.

A vigorous shrub with clusters of single white flowers among the attractive green foliage.

710	9 to 12 in.	2.50	22.00	200.00
1600	12 to 18 in.	4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

SYRINGA—Continued

vulgaris purpurea. Common Lilac. May. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.			
1650	9 to 12 in.	\$ 2.50	\$ 22.00 \$200.00
8000	12 to 18 in.	4.00	35.00 300.00
10500	18 to 24 in.	5.00	45.00 400.00
3500	2 to 3 ft.	6.00	55.00 500.00
650	3 to 4 ft.	7.50	70.00 650.00

vulgaris, Hybrids and Horticultural Varieties. May. 15 feet. Zone 4.

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. The California Privet either dies out or is cut out as a storage process.

These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.	4.00	35.00	----
12 to 18 in.	5.00	45.00	----
18 to 24 in.	7.00	65.00	----
2 to 3 ft.	9.00	85.00	----

	3/4'	2/3'	18/24"	12/18"	9/12"
BLUE					
Decaisne, single	----	70	130	530	80
Marechal Lannes, double	----	----	30	----	110
President Grevy, double	----	1460	660	1420	850

LILAC

Jacques Callot, single	----	10	----	220	90
Pres. Carnot, double	10	----	----	----	130

MAGENTA

Chas. Joly, double	----	----	----	----	190
Charles X, single	----	----	----	----	270
Congo, single	20	----	----	----	330
Paul Thirion, double	----	----	----	30	160

PINK

Belle de Nancy, double	230	350	20	230	550
Edouard Andre, double	----	120	370	190	70
Marc Michel, double	----	40	80	40	20
Macrostachya, single	----	150	360	330	160
Mme. Antoine Buchner, double	20	310	40	140	----
Waldeck-Rousseau, double	----	----	----	60	50

PURPLE

Adelaide Dunbar, double	----	----	----	60	180
Hugo de Vries, single	----	----	----	230	90
Ludwig Spaeth, single	----	----	20	500	760

VIOLET

Cavour, single	20	----	40	150	30
Pres. Lincoln, single	----	10	110	60	250

WHITE

Mme. Abel Chatenay, double	----	----	----	----	530
Mme. Florent Stepman, single	----	----	40	----	50

TAMARIX**africana.** African Tamarix. May. 10-12 feet. Zone 7. Per 10 Per 100 Per 1000

Slender spreading branches, reddish brown bark, pink flowers.			
120	9 to 12 in.	\$ 2.50	\$ 20.00 \$-----
340	12 to 18 in.	3.50	30.00 250.00
160	18 to 24 in.	5.00	45.00 400.00
50	2 to 3 ft.	7.00	65.00 600.00

ORNAMENTAL SHRUBS—Continued

TAMARIX—Continued

Per 10 Per 100 Per 1000

hispida Summer Glow. July. 8 feet. Zone 6.

The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyrannose flowers in spikes all summer. Good in dry soil, sun or part shade.

1500	9 to 12 in.	\$ 3.00	\$ 25.00	\$ -----
70	12 to 18 in.	4.00	35.00	300.00
80	2 to 3 ft.	7.50	70.00	650.00
50	3 to 4 ft.	9.00	85.00	-----

VIBURNUM

dentatum. Arrowwood Viburnum. June. 15 feet. Zone 3.

Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.

210	12 to 18 in.	4.00	35.00	300.00
640	18 to 24 in.	5.50	50.00	450.00
110	2 to 3 ft.	6.50	60.00	550.00
220	3 to 4 ft.	8.50	80.00	750.00
80	4 to 5 ft.	11.00	100.00	-----

lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3.

Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.

310	9 to 12 in.	3.50	30.00	250.00
540	12 to 18 in.	4.50	40.00	350.00
420	18 to 24 in.	5.50	50.00	450.00

lentago. Nannyberry Viburnum. May. 30 feet. Zone 3.

Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.

470	12 to 18 in.	4.50	40.00	350.00
1210	18 to 24 in.	5.50	50.00	450.00
540	2 to 3 ft.	6.50	60.00	550.00

opulus. European Cranberry. May. 12 feet. Zone 3.

Smooth, light gray branches. White flowers in flat clusters are followed by red berries. Fruit is effective both in fall and winter.

260	9 to 12 in.	3.50	30.00	-----
400	12 to 18 in.	4.50	40.00	350.00

opulus sterilis. Common Snowball. May. 10-12 feet. Zone 4.

A well-known shrub of upright, spreading branch habit. Produces white flowers in round clusters in early spring.

2000	12 to 18 in.	4.50	40.00	350.00
60	2 to 3 ft.	7.50	70.00	650.00
160	3 to 4 ft.	9.00	85.00	-----

sieboldi. Siebold Viburnum. May. 30 feet. Zone 5.

Lustrous dark green, 6 inch leaves on a large shrub with a very desirable branching habit. Foliage red in fall. Creamy white flowers in flat clusters. Berries bright red on red stems for several weeks, then turning black. Fine specimen plant.

12	to 18 in.	4.00	35.00	-----
18	to 24 in.	5.50	50.00	-----

trilobum. American Cranberrybush. May. 12 feet. Zone 3.

Produces white flowers in flat clusters followed by scarlet berries. Scarlet fall foliage.

290	9 to 12 in.	3.50	30.00	-----
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WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.

270	12 to 18 in.	4.00	35.00	-----
200	18 to 24 in.	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued

	Per 10	Per 100	Per 1000
Dwarf variegated. May. 5 feet. Zone 5.			
Leaves variegated with white. Flowers pale pink, almost white. Compact plant.			
100 12 to 18 in.....	\$ 4.50	\$ 40.00	\$-----
florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.			
Very popular. Displays beautiful, showy pink flowers.			
2380 12 to 18 in.....	3.50	30.00	250.00
3500 18 to 24 in.....	4.50	40.00	350.00
3200 2 to 3 ft.....	5.50	50.00	450.00

Newport Red. (Vaniceki) May. 6 feet. Zone 4.

	Per 10	Per 100	Per 1000
New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.			
560 12 to 18 in.....	\$ 4.00	\$ 35.00	\$300.00
2700 18 to 24 in.....	5.50	50.00	450.00
1480 2 to 3 ft.....	6.50	60.00	550.00

wagneri Candida. June. 9 feet. Zone 5.

	Per 10	Per 100	Per 1000
Fast growing shrub with large pure white flowers.			
50 12 to 18 in.....	\$ 4.50	\$-----	\$-----
20 18 to 24 in.....	6.00	-----	-----
50 2 to 3 ft.....	7.00	-----	-----

wagneri Eva Rathke. May. 5 feet. Zone 5.

Brilliant crimson flowers borne in profusion on a spreading shrub.			
1540 12 to 18 in.....	3.50	30.00	250.00
2500 18 to 24 in.....	5.00	45.00	400.00
1740 2 to 3 ft.....	6.00	55.00	500.00

Vines

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

CAMPSIS

Per 10 Per 100 Per 1000

radicans. Common Trumpet creeper. July. 30 feet. Zone 5.

A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.

130 2 year, Medium	\$ 3.00	\$ 28.00	\$250.00
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CELASTRUS

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 5.

An excellent twining vine. Leaves are more rounded than *C. scandens* and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.

340 2 year, No. 1	4.00	35.00	320.00
160 2 year, Medium	3.00	28.00	-----

scandens. American Bittersweet. June. 20 feet. Zone 4.

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

260 2 year, Medium	3.00	28.00	250.00
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CLEMATIS

tangutica. Golden Clematis. June. 9 feet. Zone 6.

Bright yellow blooms to 4 inches in diameter.

370 2 year, No. 1	7.00	65.00	-----
190 2 year, Medium	6.00	55.00	-----

EUONYMUS

fortunei coloratus. Purpleleaf Winter creeper. 4 feet. Zone 6.

An excellent ground cover with leaves an inch long turning a purplish red in fall. Retains fall foliage color all winter.

260 2 year, No. 1	5.50	50.00	450.00
1340 2 year, Medium	4.50	40.00	350.00

fortunei minimus. Baby Euonymus. Zone 6.

Slow growing dwarf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

50 2 year, Medium	5.50	50.00	-----
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fortunei radicans. Common Winter creeper. 25 feet. Zone 6.

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

3500 2 year, No. 1	6.50	60.00	550.00
1940 2 year, Medium	5.50	50.00	450.00

LONICERA

heckrottii. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

	Per 10	Per 100	Per 1000
300 2 year, No. 1	\$ 4.50	\$ 40.00	\$350.00
1100 2 year, Medium	4.00	35.00	300.00

heckrottii Gold Flame. June. 30 feet. Zone 5.

Blooms all summer. The showy flowers, borne in clusters are red outside and a deep yellow inside. Very fragrant.

120 2 year, No. 1	\$ 4.50	\$ 40.00	\$-----
150 2 year, Medium	4.00	35.00	-----

japonica halliana. Hall's Japanese Honeysuckle. June. 25 feet. Zone 4.

White trumpet shaped flowers turn yellow with age. Semi-evergreen foliage turns bronze in autumn. Grows well in sun or shade and is frequently used as a ground cover. Rapid grower.

1100 2 year, No. 1	2.80	25.00	220.00
2800 2 year, Medium	2.50	20.00	180.00

VINES—Continued

LONICERA—Continued

		Per 10	Per 100	Per 1000
sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 4.				
Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this vine. Blooms from June until frost.				
1300	2 year, Medium.....	\$ 3.00	\$ 28.00	\$.....

PARTHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.				
A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.				
3800	2 year, No. 1.....	4.00	35.00	320.00
2500	2 year, Medium.....	3.00	28.00	250.00
tricuspidata veitchi. Veitch Boston Ivy. 60 feet. Zone 5.				
A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall.				
600	2 year, No. 1.....	6.50	60.00	.....

POLYGONUM

reynoutria.

A fine ground cover with hardiness similar to *P. auberti*. Maintains a height of 4 to 12 inches. Produces fragrant, pink sprays of bloom in September. Brilliant red fall foliage.

90	2 year, No. 1.....	5.50
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WISTERIA

frutescens. June-July. 20-25 feet. Zone 5.

Short racemes of lilac-purple flowers. Dark green foliage. Rapid growth.

220	2 year, Medium Seedlings.....	2.50	20.00
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Hedging

BERBERIS

Per 100 Per 1000

thunbergi. Japanese Barberry. May. 5 feet. Zone 4.

21800	9 to 12 in. 2 year seedlings, branched	\$ 9.00	\$ 85.00
500	12 to 18 in. 2 and 3 year seedlings, branched	14.00	120.00

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2-3.

1550	9 to 12 in.	2.50	20.00
620	12 to 18 in.	3.50	30.00
6170	18 to 24 in.	4.50	40.00
4340	2 to 3 ft.	6.00	55.00
1720	3 to 4 ft.	8.00	75.00

CHAENOMELES

japonica rubra. Red Flowering Quince. May. 3 feet. Zone 5.

1000	12 to 18 in.	16.00	140.00
2000	18 to 24 in.	19.00	160.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 4.

Produces white flowers in small spikes followed by dull, small black berries.

870	9 to 12 in., branched	8.50	75.00
8120	18 to 24 in., 2 canes and up	14.00	120.00
9120	18 to 24 in., 3 canes and up	16.50	140.00
120	2 to 3 ft., 2 and 3 canes and up	16.50	---

ibolium. Ibolium Privet. June. 12 feet. Zone 5.

Hardier than the California Privet but very similar to it.

370	9 to 12 in.	10.00	90.00
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ovalifolium. California Privet. June. 15 feet. Zone 6.

Creamy white flowers in small clusters are followed by black berries.

3920	9 to 12 in., branched	8.50	75.00
1400	18 to 24 in., branched	14.00	120.00
1000	2 to 3 ft.	16.50	140.00

vulgare. European Privet. June. 15 feet. Zone 5.

Widely grown privet. Prominent pyramidal clusters of flowers followed by shiny black berries when not closely clipped.

850	2 to 3 ft.	21.50	200.00
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vulgare. Plant Introduction No. 107630. Zone 4.

A selection of vulgare that gives evidence of being somewhat more hardy than the species. Reports on file show no damage from cold or dry weather in Sioux Falls, South Dakota; Boise, Idaho; and Sheridan, Wyoming.

400	18 to 24 in.	19.00	160.00
880	2 to 3 ft.	22.00	200.00

LONICERA

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers are rosy pink outside and light pink inside.

3550	18 to 24 in.	16.00	140.00
7250	2 to 3 ft.	21.50	190.00

HEDGING—Continued

LONICERA—Continued

zabeli. Zabel Honeysuckle. May. 7 feet. Zone 5.		Per 100	Per 1000
Generally accepted as the best of the improved strains of Red Honeysuckle. Prolific in berry. Tidy and hardy.			
1400	9 to 12 in.	\$11.00	\$100.00
2900	12 to 18 in.	16.00	140.00
10000	18 to 24 in.	21.50	190.00
6450	2 to 3 ft.	25.00	220.00

ROSA

multiflora. Japanese Rose. 10 feet. Zone 5.			
One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.			
11000	¾ in. Cal.	6.50	60.00
8000	¼ to ¾ in. Cal.	5.00	45.00
rugosa. Rugosa Rose. June. 6 feet. Zone 3.			
Flowers fuchsine-pink to white, single, 2-3 inches diameter. Large brick red fruit. Orange autumn foliage. Withstands clipping for formal hedges. Does well on seacoasts where salt spray reaches it.			
9200	No. 2, 2/16 to 3/16 in.	14.00	120.00
10470	No. 3, about 2/16 in.	11.00	95.00
setigera. Prairie Rose. July. 15 feet. Zone 5			
Bright pink 2 inch flowers in clusters. Red fruit in fall. Wide arching habit of growth demands lots of room. Will grow shoots 12 to 15 feet in one season. Hardy.			
1300	¾ in. Cal.	28.00	250.00
4600	¼ in. and up	21.00	190.00
4500	No. 1, 3/16 to 1/4 in.	18.00	150.00
2900	No. 2, 2/16 to 3/16 in.	14.00	120.00
1600	No. 3, about 2/16 in.	11.00	95.00

SPIRAEA

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.			
Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.			
3800	9 to 12 in.	9.00	80.00
11000	12 to 18 in.	14.00	120.00

ULMUS

pumila. Siberian Elm.	
An excellent hedging material. "Lining Out Stock."	

NOTE: *Lonicera beckrotti* makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied: 3-4 ft. and up, 25; 2-3 ft. 50; 18-24 in. and smaller, 100 per bundle.
25 of each variety is a minimum order for potted liners.

	Per 100	Per 1000
ACER		
<i>ginnala</i> . Ginnala Maple.		
1150 4 to 6 in.	\$ 3.00	\$ 25.00
2300 6 to 12 in.	4.50	40.00
2800 12 to 18 in.	5.50	50.00
1800 18 to 24 in.	7.50	65.00
<i>saccharinum</i> . Silver Maple. 1 and 2 year seedlings.		
3000 18 to 24 in.	5.00	45.00
1750 2 to 3 ft. 2 yr. slightly branched	7.50	65.00
<i>saccharum</i> . Sugar Maple. 1 year seedlings.		
1100 6 to 9 in.	6.00	40.00
CALICARPA		
<i>dichotoma</i> . Purple Beautyberry.		
700 12 to 18 in.	10.00	85.00
900 18 to 24 in.	12.50	100.00
1600 2 to 3 ft.	16.50	150.00
CARAGANA . Siberian Peashrub. (See Hedging)		
CATALPA		
<i>Speciosa</i> . Northern Catalpa.		
2100 6 to 12 in.	2.50	20.00
1900 12 to 18 in.	3.00	25.00
1700 18 to 24 in.	4.00	35.00
200 2 to 3 ft.	5.50	50.00
CELTIS		
<i>occidentalis</i> . Common Hackberry.		
1900 6 to 12 in.	2.50	20.00
2400 12 to 18 in.	3.50	30.00
300 18 to 24 in.	5.50	50.00
900 2 to 3 ft.	8.00	70.00
CERCIS . <i>canadensis</i> . Eastern Redbud.		
650 12 to 18 in.	7.00	60.00
1900 2 to 3 ft.	16.00	140.00
900 3 to 4 ft.	20.00	180.00
<i>stolonifera flaviramea</i> . Yellowtwig Dogwood.		
800 9 to 12 in.	4.50	35.00
700 12 to 18 in.	6.50	60.00
6200 18 to 24 in.	8.50	80.00
4700 2 to 3 ft.	11.00	100.00
COTINUS		
<i>coggia</i> . Common Smoketree.		
1500 6 to 9 in.	9.00	75.00
600 9 to 12 in.	12.00	100.00
2000 12 to 18 in.	17.50	150.00
1300 18 to 24 in.	22.00	200.00
COTONEASTER		
<i>acutifolia</i> . Peking Cotoneaster.		
1000 6 to 12 in.	7.00	60.00
5500 12 to 18 in.	9.00	80.00
300 18 to 24 in.	11.00	100.00

LINING OUT STOCK—Continued

Per 100 Per 1000

CRATAEGUS*oxyantha*. English Hawthorn.

2100	9 to 12 in.	\$ 9.00	\$ 75.00
4500	12 to 18 in.	12.00	100.00
1800	18 to 24 in.	16.00	140.00

DIOSPYROS*Virginiana*. Common Persimmon.

300	18 to 24 in.	5.50	50.00
1000	2 to 3 ft.	7.00	65.00
390	3 to 4 ft.	9.00	85.00

ELAEAGNUS*angustifolia*. Russian Olive.

16000	6 to 12 in.	3.00	25.00
19000	12 to 18 in.	4.50	40.00

FRAXINUS*pennsylvanica lanceolata*. Green Ash.

100000	6 to 12 in.	2.50	20.00
120000	12 to 18 in.	3.00	25.00

JUGLANS*nigra*. Black walnut. 2 year seedlings.

500	9 to 12 in.	4.50	40.00
800	12 to 18 in.	5.50	50.00
1500	18 to 24 in.	9.00	75.00

LIQUIDAMBER*styraciflua*. American Sweetgum.

500	6 to 9 in.	7.00	60.00
1200	9 to 12 in.	9.00	75.00
600	12 to 18 in.	12.00	100.00
1500	18 to 24 in.	16.00	140.00

POPULUS*Carolina* and *Norway* Poplar. 1 yr. hardwood cuttings.

700	5 to 6 ft.	21.00	180.00
400	6 to 8 ft.	28.00	-----

Lombardy Poplar. 1 year hardwood cuttings.

1200	2 to 3 ft.	7.50	65.00
3500	3 to 4 ft.	10.00	90.00
16000	4 to 5 ft., lightly branched.	14.00	120.00
14000	5 to 6 ft., lightly branched.	21.00	180.00
3700	6 to 8 ft., lightly branched.	28.00	240.00

QUERCUS*palustris*. Pin Oak. 2 and 3 year seedlings.

2000	6 to 12 in.	7.00	60.00
7000	12 to 18 in.	9.00	80.00
9000	18 to 24 in.	14.00	120.00
2400	2 to 3 ft.	22.50	200.00
2000	3 to 4 ft.	33.00	300.00
2000	4 to 5 ft.	45.00	425.00

RHAMNUS*frangula*.

400	6 to 12 in.	3.50	30.00
900	12 to 18 in.	4.50	40.00
500	18 to 24 in.	6.50	60.00
1900	2 to 3 ft.	8.00	75.00

RHUS*aromatica*. Fragrant Sumac.

1400	4 to 6 in.	3.50	30.00
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LINING OUT STOCK—Continued

Per 100 Per 1000

SALIX**alba tristis. Niobe Willow.**

300	18 to 24 in.	\$ 6.00	\$ 55.00
3600	2 to 3 ft.	9.00	80.00
5800	3 to 4 ft.	14.00	120.00
1200	4 to 5 ft.	16.50	150.00

blanda. Wisconsin Weeping Willow.

2200	2 to 3 ft.	9.00	80.00
4400	3 to 4 ft.	14.00	120.00
9900	4 to 5 ft.	16.50	150.00
5300	5 to 6 ft.	22.50	200.00

SYRINGA**josikaea. Hungarian Lilac. 2 year seedlings.**

300	9 to 12 in. seedlings	6.50	60.00
1100	12 to 18 in. seedlings	8.50	75.00
2500	18 to 24 in. seedlings	12.00	100.00

villosa. Late Lilac.

500	9 to 12 in.	6.50	60.00
1800	12 to 18 in.	8.50	75.00
1300	18 to 24 in.	12.00	100.00

ULMUS**americana. American Elm.**

1600	6 to 12 in.	2.50	20.00
3400	12 to 18 in.	3.00	25.00
9600	18 to 24 in.	4.00	35.00
14000	2 to 3 ft.	5.00	45.00
3200	3 to 4 ft.	8.00	70.00

pumila. Chinese Elm. 1 and 2 year seedlings.

45000	6 to 12 in.	2.00	18.00
175000	12 to 18 in.	3.00	25.00
84000	18 to 24 in.	4.00	35.00
30000	2 to 3 ft.	5.50	50.00
50000	3 to 4 ft. Root pruned	8.00	70.00
32000	4 to 5 ft. Root pruned	14.00	120.00
7200	5 to 6 ft. Root pruned	21.00	180.00

VIBURNUM**dentatum. Arrowwood. 1 year seedlings.**

1000	9 to 12 in.	9.00	75.00
7000	12 to 18 in.	12.00	100.00
10000	18 to 24 in.	16.00	140.00

ZELKOVA**serrata. Japanese Keaki Tree.**

2300	9 to 12 in.	3.50	30.00
4900	12 to 18 in.	4.50	40.00
3900	18 to 24 in.	5.50	50.00
2000	2 to 3 ft.	7.00	65.00

Specimen Evergreens

PRICES include digging, BALLED and BURLAPPED by experienced personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed prices.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

ABIES

Concolor. White Fir. 70-80 feet. Zone 3.

Large gray-green needles on a symmetrical tree. Fine shape is held even when old.

	Per 10	Per 100
38 18 to 24 in.....	\$30.00	\$.....
55 2 to 2½ ft.....	35.00	.....
18 2½ to 3 ft.....	45.00	.....

JUNIPERUS

chinensis mountbatten. Zone 4.

New columnar with silvery green foliage that holds its color well all winter.

140 3½ to 4 ft.....	62.50	600.00
300 4 to 4½ ft.....	70.00	.....

chinensis pfitzeriana. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

410 12 to 15 in.....	22.50	200.00
60 15 to 18 in.....	27.50	250.00
400 18 to 24 in.....	32.50	300.00

chinensis pfitzeriana compacta. Zone 4.

Compact form of Pfitzer.

160 15 to 18 in.....	32.50	300.00
410 18 to 24 in.....	37.50	350.00
90 2 to 2½ ft.....	42.50	400.00

chinensis sargentii. Sargent Juniper. Zone 4.

Prostrate shrub with creeping stems.

20 15 to 18 in.....	32.50	300.00
170 18 to 24 in.....	37.50	350.00
70 2 to 2½ ft.....	45.00	425.00

chinensis sargentii Ames. Ames Juniper. Zone 4.

Broad upright plant, tapering to a pointed top.

70 2 to 2½ ft.....	45.00	425.00
90 2½ to 3 ft.....	50.00	475.00
30 3 to 3½ ft.....	60.00	575.00
110 3½ to 4 ft.....	70.00	675.00

chinensis Sargentii I-O-Ace. Zone 4.

Good green tapering upright with broad base.

115 3 to 3½ ft.....	60.00	575.00
115 3½ to 4 ft.....	70.00	.....

chinensis sargentii Maneyi. Maneyi Juniper. Zone 4.

Prostrate variety that does well in shaded areas. Hardy.

35 15 to 18 in.....	32.50	300.00
180 18 to 24 in.....	37.50	350.00
290 2 to 2½ ft.....	45.00	425.00

communis hibernica. Irish Juniper. Zone 2.

A dense, upright form of communis. Very symmetrical with glaucous green

170 18 to 24 in.....	15.00	125.00
500 2 to 3 ft.....	22.50	200.00
320 3 to 4 ft.....	30.00	275.00
35 4 to 5 ft.....	37.50	350.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

horizontalis plumosa. Andorra Juniper. Zone 3.		Per 10	Per 100
Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.			
20	15 to 18 in.	\$27.50	\$250.00
180	18 to 24 in.	32.50	300.00
115	2 to 2½ ft.	37.50	350.00

procumbens nana. Dwarf Japgarden Juniper. Zone 6.			
Handsome low shrub often planted as a ground cover.			
30	18 to 24 in.	50.00	475.00

sabina. Savin Juniper.			
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.			
150	2 to 2½ ft.	37.50	350.00

scopulorum Cologreen.			
Light green foliage. Conical habit of growth.			
55	2½ to 3 ft.	47.50	450.00
320	3 to 3½ ft.	55.00	525.00
320	3½ to 4 ft.	62.50	600.00
100	4 to 4½ ft.	70.00	675.00

scopulorum Moffeti.			
Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.			
40	2 to 2½ ft.	42.50	400.00
15	2½ to 3 ft.	47.50	-----
15	3½ to 4 ft.	62.50	-----
25	4 to 4½ ft.	70.00	-----

scopulorum Montana No. 1.			
Good green juniper.			
35	2 to 2½ ft.	42.50	-----
75	2½ to 3 ft.	47.50	450.00
120	3 to 3½ ft.	55.00	525.00

scopulorum Pathfinder.			
Compact pyramidal habit. Silvery-blue foliage.			
40	2 to 2½ ft.	42.50	400.00
630	2½ to 3 ft.	47.50	450.00
750	3 to 3½ ft.	55.00	525.00
160	3½ to 4 ft.	62.50	600.00

scopulorum Sutherland.			
Broad pyramid of bluish-green color.			
130	2 to 2½ ft.	42.50	400.00
100	2½ to 3 ft.	47.50	450.00
55	3 to 3½ ft.	55.00	525.00

scopulorum Welch.			
Of columnar habit and greenish silver color.			
65	2½ to 3 ft.	47.50	450.00
35	4 to 4½ ft.	70.00	675.00

virginiana. Eastern Red Cedar.			
Dense, pyramidal tree. Very hardy.			
190	2 to 2½ ft.	27.50	250.00
90	2½ to 3 ft.	32.50	300.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

Per 10 Per 100

virginiana Burkl. Zone 2.

Columnar growth habit and steel blue thick foliage. Responds to pruning.

40 3½ to 4 ft. \$62.50 \$600.00

virginiana Canaert. Zone 2.

Of columnar habit and greenish silver color.

95 2 to 2½ ft. 45.00 425.00

90 2½ to 3 ft. 50.00 475.00

80 3 to 3½ ft. 57.50 550.00

40 3½ to 4 ft. 65.00 625.00

virginiana Cupressifolia.

Resembles Canaerti in color and form but grows faster.

20 4½ to 5 ft. 80.00 -----

virginiana glauca. Zone 2.

Very blue-gray leaves.

30 2½ to 3 ft. 50.00 475.00

20 3 to 3½ ft. 57.50 -----

virginiana Keteleer. Zone 2.

Compact pyramidal form with ascending branches and dark green scale-like foliage.

140 3 to 3½ ft. 55.00 525.00

30 3½ to 4 ft. 62.50 600.00

280 4 to 4½ ft. 70.00 675.00

25 4½ to 5 ft. 80.00 -----

virginiana Walton's Frosti.

Distinctive silver blue.

50 18 to 24 in. 37.50 350.00

30 2 to 2½ ft. 45.00 -----

PICEA

abies. Norway Spruce. 80-100 feet. Zone 2.

Dark green foliage. Rapid grower.

55 18 to 24 in. 22.50 200.00

240 2 to 2½ ft. 30.00 275.00

150 2½ to 3 ft. 35.00 325.00

110 3 to 4 ft. 42.50 400.00

glauca densata. Black Hills Spruce. 60 feet. Zone 2.

Most compact, symmetrical, tall spruce. Green foliage with bluish tint.

435 18 to 24 in. 25.00 225.00

445 2 to 2½ ft. 32.50 300.00

95 2½ to 3 ft. 37.50 350.00

pungens. Colorado Spruce. 60-80 feet. Zone 3.

Stiff, dense green foliage on a pyramidal tree.

55 18 to 24 in. 25.00 225.00

110 2 to 2½ ft. 32.50 300.00

30 2½ to 3 ft. 37.50 -----

20 3 to 3½ ft. 42.50 -----

PINUS

sylvestris. Scotch Pine. 80 feet. Zone 2.

Spreading branches on young pyramidal tree that becomes round topped and irregular with age. Red fissured bark. Bluish-green foliage. Oblong cones to 2½ inches long.

15 2 to 3 ft. 40.00 375.00

25 3 to 4 ft. 47.50 450.00

SPECIMEN EVERGREEN—Continued

PSEUDOTSUGA

taxifolia douglasi. Douglas Fir. 70-80 feet.

Hardy gray-green pyramid. Rapid grower.		Per 10	Per 100
20	2 to 2½ ft.	\$45.00	\$425.00
70	2½ to 3 ft.	55.00	525.00
80	3 to 3½ ft.	62.50	600.00
25	3½ to 4 ft.	70.00	675.00

THUJA

occidentalis globosa. Globe Arborvitae. 3 feet. Zone 3.

Popular globe type for sun or shade.

60	2 to 2½ ft.	30.00	275.00
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occidentalis Little Champion. 20-36 inches. Zone 3.

A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.

70	2 to 2½ ft.	30.00	275.00
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ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height; 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

RED SHADES

	No. 1	No. 1½	No. 2
Ami Quinard, (6.3) 2 F. Dark velvety crimson, almost black.	80		60
Charlotte Armstrong, (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush.		50	250
Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant.	700		150
Etoile de Hollande, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering.	450		60
Poinsettia, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer.	400		
Red Radiance, (7.9) 3 V. Bright rosy red, free blooming.	400	30	40

PINK SHADES

Editor McFarland, (7.1) 2 V. Large double, glowing pink blooms with slight yellow tinge.	680	500	30
Picture, (8.0) 2 S. Clear rose-pink. Large and double.	1300	50	70
Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable.	1400	400	
The Doctor, (7.6) 2 V. The buds are long and pointed; enormous blooms of satiny pink.	1300	50	

YELLOW SHADES

Eclipse, (8.1) 3 F. Long-pointed buds of deep gold opening to golden yellow blooms on long stems. Profuse bloomer.	1400		
Joanna Hill, (7.1) 2 F. Double blooms of golden buff, yellow center.	500		40
Lowell Thomas, (7.7) 2 F. Large double blooms of canary yellow. First year off patent.	250		
Soeur Therese, (7.5) 2 S. Double, rich yellow blooms. Bronze foliage.	240		

ROSES—Continued

TWO-TONED SHADES

	No. 1	No. 1½	No. 2
Comtesse Vandal , (7.5) 2 F. Long, pointed, orange-copper buds. Large double blooms of salmon and coppery pink on strong stems.	1600	----	440
Condesa de Sagtogo , (7.4) 3 F. Petals are coppery pink inside, golden reverse.	1150	500	390
Mark Sullivan , (7.4) 2 F. Golden yellow blooms. Veined and shaded rose pink and cerise. First year off patent.	150	----	200
Peace , (9.6) 3 S. Golden yellow edged with apple-blossom pink. 40 to 45 petals. 5 to 6 inch flowers. Hardy. First year off patent.	----	----	300
Pres. Herbert Hoover , (7.7) 3 F. Varying orange shades with lighter outside petals. Double.	700	50	400
Talisman , (6.5) 3 F. Golden yellow and copper blooms on long stems.	800	90	----

WHITE SHADES

Blanche Mallerin , (7.1) 2 F. Long shapely buds. Pure white blooms. First year off patent.	300	100	----
K. A. Viktoria , (6.7) 3 S. Very double, snowy white, lemon tinted center.	450	450	----
McGredy's Ivory , (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.	60	600	420
Pedralbes , (7.4) 2 S. Cream turning to pure white. Large, double.	100	160	190
Rex Anderson , (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening.	----	----	400

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

	No. 1	No. 1½	No. 2
Betty Prior , (9.0) 3 F. Opens red turning to shell-pink. Large clusters throughout season. Fine for mass planting.	120	50	150
Cameo , (7.8) 3 F. Clusters of salmon-pink, turning orange-pink. Bloom continuously.	----	----	70
Dagmar Spaeth , (8.2) 2 F. Alabaster white, edged pink.	1000	50	70
Eutin , (8.6) 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer.	----	----	250
Floradora , (8.2) 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.	500	500	500
Frensham , (8.6) 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming.	350	100	----
King Boreas , (6.9) 2 F. Very double, pure yellow shading to nearly white. Recurrent bloomer. Hardy.	400	150	450
Lafayette Improved , (7.8) 2 S. Large flowers of bright cherry-crimson.	670	750	200
Pinocchio , (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.	300	800	----

ROSES—Continued

DWARF POLYANTHA AND FLORIBUNDA ROSES—Continued

	No.1	No.1½	No.2
Rosenelfe , (8.2) 2 F. Double, LaFrance pink flowers in clusters on long, strong stems.	60	----	300
Summer Snow , (7.4) 2 S. The most prolific of white floribundas. Flowers in large clusters.		70	20
World's Fair , (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.	180	400	180

SHRUB ROSES

	Per 10	Per 100	Per 1000
Austrian Copper , (). Single brilliant orange-red flowers inside and yellow outside.			
40 12 to 18 in.	\$ 5.50	\$ 50.00	\$ ----
70 2 to 3 ft.	6.50	60.00	----
eglanteria. Sweetbrier Rose . Pink bloom, fragrant foliage.			
60 9 to 12 in.	2.50	20.00	----
170 12 to 18 in.	3.50	30.00	----
160 18 to 24 in.	4.50	40.00	----
F. J. Grootendorst , small bright red flowers in clusters.			
18 to 24 in.	6.00	55.00	500.00
2 to 3 ft.	7.00	65.00	600.00
Grootendorst Pink , pink variety of Grootendorst.			
18 to 24 in.	6.00	55.00	500.00
2 to 3 ft.	7.00	65.00	600.00
Grootendorst Supreme , Sport of F. J. Grootendorst with deeper crimson and longer lasting flowers.			
18 to 24 in.	6.00	55.00	500.00
2 to 3 ft.	7.00	65.00	600.00

CLIMBERS AND RAMBLERS

Blaze , (). Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.			
1100 No. 1	7.00	65.00	600.00
750 No. 1½	6.00	55.00	500.00
1800 No. 2	5.00	45.00	----
Cl. American Beauty , (7.6) V. Flowers rose-red on long stems in June.			
750 No. 1	6.00	55.00	500.00
500 No. 1½	5.00	45.00	400.00
Cl. Pink Radiance . Climbing form of the popular pink hybrid tea.			
40 No. 1	7.00	65.00	----
400 No. 1½	6.00	55.00	500.00

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

		Per 10	Per 100	Per 1000
Cl. Summer Snow, () Glacier white double blooms in large clusters. A persistant bloomer, vigorous and hardy.				
350 No. 1	-----	\$ 7.00	\$ 65.00	\$600.00
New Dawn, (8.8) S. Fragrant blush pink flowers in clusters. Everblooming.				
470 No. 1½	-----	5.50	50.00	450.00
Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.				
180 No. 1	-----	6.00	55.00	500.00
100 No. 1½	-----	5.00	45.00	400.00
120 No. 2	-----	3.50	30.00	250.00

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified.

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

HYBRID TEA

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Arlene Francis, (7.1) 2 F. Patent No. 1684. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Golden yellow 5 inch blooms average from 20 to 25 petals. Medium tall plant with good foliage. Prolific bloomer; hardy.					
120 No. 1	-----	\$1.65	\$ 1.50	\$ 1.40	\$----
Aztec, (7.7) Patent No. 1648. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.					
140 No. 1½	-----	1.20	1.10	1.04	----
Christian Dior, () Patent No. 1943. (Retails \$3.50 ea.; 3 or more \$3.10 ea.) Magnificent crimson-red overlaid with iridescent scarlet combined with exquisite form make this the most outstanding red rose today. Color does not blue or fade. Blooms with 50 to 60 petals are wonderful for cutting. High centered and very double with light fragrance. Abundant bloomer. Tall, upright plant with dark glossy foliage. A.A.R.S. for 1962.					
540 No. 1	-----	1.85	1.75	1.55	----
400 No. 1½	-----	1.48	1.40	1.24	----

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Duet, (7.7) 2 S. Patent No. 1903. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Large urn shaped bud. Double high centered flower with light pink petals and dark pink or light red reverse. The blooms borne singly and several together have good lasting qualities. Leathery dark green foliage. Disease resistant. Vigorous upright plant. Profuse bloomer. A.A.R.S. Award 1961.				
130 No. 1½	\$1.32	\$ 1.20	\$ 1.12	\$----
Forty-Niner, (6.8) 2 S. Patent No. 792. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bicolor that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.				
100 No. 1	1.40	1.25	1.20	----
380 No. 1½	1.12	1.00	.96	.88
Gail Borden, (7.6) 2 F. Patent No. 1618. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.				
350 No. 1	1.65	1.50	1.40	----
50 No. 1½	1.32	1.20	----	----
Garden Party, (7.7) 2 S. Patent No. 1814. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
430 No. 1½	1.32	1.20	1.12	1.04
Golden Scepter, (7.3) 3 F. Patent No. 910. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
280 No. 1	1.10	1.00	.95	.85

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20	20-100	100-250	250-up
	Each	Each	Each	Each
Helen Traubel, (8.7) 3 F. Patent No. 1028. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.				
260 No. 1½	\$1.20	\$ 1.10	\$ 1.04	\$----
Invitation, () Patent No. 2018. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Medium long pointed bud with bloom of rich salmon pink with yellow at base of petals; 25 to 35 petals. Strong tea fragrance. Abundant glossy foliage on upright disease resistant bush.				
120 No. 1	1.65	1.50	1.40	----
250 No. 1½	1.32	1.20	1.12	----
Kordes Perfecta, (7.5) 2 V. Patent No. 1604. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.				
1500 No. 1	1.65	1.50	1.40	1.30
600 No. 1½	1.32	1.20	1.12	1.04
Lady Elgin, (7.7) 3 F. Patent No. 1469. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Huge, handsome buds and blooms on long, strong stems. Petals of good texture range from 35 to 48 in number. Bloom of excellent form holds its unfading combination of orange and apricot throughout the season. Strong upright plant with good foliage.				
450 No. 1	1.40	1.25	1.20	1.10
70 No. 1½	1.12	1.00	----	----
Love Song, (6.6) 2 V. Patent No. 1360. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.				
480 No. 1	1.40	1.25	1.20	1.10

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20	20-100	100-250	250-up
	Each	Each	Each	Each
Mojave, (7.4) 2 F. Patent No. 1176. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.				
220 No. 1½	\$1.20	\$ 1.10	\$ 1.04	\$.---
New Yorker, (8.0) 2 F. Patent No. 823. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
200 No. 1	1.40	1.25	1.20	---
600 No. 1½	1.12	1.00	.96	.88
Nocturne, (8.1) 3 V. Patent No. 713. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
270 No. 1	1.25	1.12½	1.05	.95
140 No. 1½	1.00	.90	.84	---
Pink Duchess, (7.7) 3 F. Patent No. 1834. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Large oval pointed bud, golden on the outside and base of petals. As the flower opens the gold blends with a deep glowing pink. Blooms of peace form, 5 to 6 inches across with 10 to 15 more petals. Large rugged foliage on a strong 3 to 4 foot plant. Very hardy.				
190 No. 1	\$1.65	\$ 1.50	\$ 1.40	\$.---
Pink Peace, (7.6) 3 V. Patent No. 1759. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Very fragrant and non-fading pink blooms are borne individually on long stems. The vigorous upright plant is quite generous with the 60 - 65 petal flowers. Disease resistant leathery leaves.				
2150 No. 1	1.65	1.50	1.40	1.30
120 No. 1½	1.32	1.20	1.12	---
Rubaiyat, (8.2) 3 V. Patent No. 753. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
50 No. 1	1.10	1.00	---	---
60 No. 1½	.88	.80	---	---

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Show Girl, (7.6) 2 F. Patent No. 646. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.				
1000 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
350 No. 1½	1.00	.90	.84	----
Sterling Silver, (6.9) 2 V. Patent No. 1433. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Silver-lavender flowers 4 to 5 inches across with sweet fragrance. Medium tall plant, vigorous and free blooming, with dark green, leathery foliage.				
340 No. 1	1.65	1.10	1.40	1.30
440 No. 1½	1.32	1.20	1.12	1.04
Tiffany, (8.8) 3 V. Patent No. 1304. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.				
360 No. 1½	1.20	1.10	1.04	.96
White Knight, (7.2) 2 S. Patent No. 1359. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.				
600 No. 1	1.50	1.37½	1.30	1.20
800 No. 1½	1.20	1.10	1.04	.96
PATENTED CLIMBERS				
Cl. Chrysler Imperial, (7.4) V. Patent No. 1528. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) A.A.R.S. award winner for 1958 in climbing form. Long tapered crimson buds on vigorous canes open to vivid oxblood red. Good foliage.				
270 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Crimson Glory, (8.3) V. Patent No. 736. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Produces an abundance of perfectly formed crimson colored blooms.				
40 No. 1	\$1.50	\$ 1.37½	\$----	\$----
90 No. 1½	1.20	1.10	-----	-----
Cl. Golden Showers, (7.3) F. Patent No. 1557. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Recurrent bloomer. Almost thornless. 1957 A.A.R.S. Award Winner.				
350 No. 1	1.40	1.25	1.20	1.10
550 No. 1½	1.12	1.00	.96	.88
Cl. Peace, (7.2) S. Patent No. 932. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the famous Hybrid Tea. Blooms lemon-yellow, edged rose-pink. Very dark glossy foliage.				
570 No. 1	1.40	1.25	1.20	1.10
510 No. 1½	1.12	1.00	.96	.88

PATENTED FLORIBUNDA

Circus, (7.8) 2 F. Patent No. 1382. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage. A.A.R.S. Award for 1956.				
100 No. 1½	1.12	1.00	.96	----
Fashion, (8.9) 2 F. Patent No. 789. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.				
500 No. 1	1.00	.87½	.80	.75
310 No. 1½ .....	.80	.70	.64	.60
Fire King, (7.9) 2 S. Patent No. 1758. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermilion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A.A.R.S. Award Winner 1960.				
400 No. 1	1.40	1.25	1.20	1.10
200 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Fusilier, (7.9) 2 S. Patent No. 1709. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
150 No. 1½	\$.80	\$.70	\$.64	\$.---
Gold Cup, (7.0) 2 F. Patent No. 1683. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.				
300 No. 1	1.10	1.00	.95	.85
Golden Slippers, () Patent AF. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Abundant small double blooms in a combination of orange and gold. Neat, low growing plant A.A.R.S. for 1962.				
320 No. 1	1.40	1.25	1.20	---
140 No. 1½	1.12	1.00	.96	---
Goldilocks, (7.3) 1 F. Patent No. 672. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
130 No. 1	.90	.75	.70	---
80 No. 1½	.72	.60	---	---
Independence, (8.2) 2 F. Patent No. 1036. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.				
380 No. 1½	.72	.60	.56	.52
Ivory Fashion, (8.0) 2 F. Patent No. 1688. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.				
100 No. 1½	.88	.80	.76	---
Jiminy Cricket, (7.6) 2 V. Patent No. 1346. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
250 No. 1	1.00	.87½	.80	.75
240 No. 1½	.80	.70	.64	.60

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Lavender Princess, (7.0) 1 F. Patent No. 1905. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Pointed bud of firm lavender starting from an orchid shade. Clusters of tight buds and open flowers in a very pleasing combination of orchid, tan and lavender tones. Open flower 4 inches in diameter with an old rose fragrance. Healthy, branching plants about 2 feet tall with dark green foliage.				
130 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$...
520 No. 1½	1.12	1.00	.96	.88
Masquerade, (7.8) 3 S. Patent No. 975. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red				
110 No. 1 .....	.90	.75	.70	---
150 No. 1½ .....	.72	.60	.56	---
Pinkie, (7.6) 1 S. Patent No. 712. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium size, semi-double flower of Neyron rose. Cupped blooms are borne in large trusses. Soft glossy foliage on a dwarf, bushy 2 foot plant. A.A.R.S. Award Winner.				
1080 No. 1	1.10	1.00	.95	.85
Red Pinocchio, (8.8) 2 F. Patent No. 812. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.				
750 No. 1½ .....	.72	.60	.56	.52
Sarabande, (7.9) 1 S. Patent No. 1761. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.				
390 No. 1	1.40	1.25	1.20	1.10
250 No. 1½	1.12	1.00	.96	.88
Vogue, (8.2) 2 S. Patent No. 926. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.				
100 No. 1	1.00	.87½	.80	---
160 No. 1½ .....	.80	.70	.64	---

ROSES—Continued

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Carrousel, (9,0) 3 F. Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
330 No. 1½	\$.88	\$.80	\$.76	\$----
John Armstrong, () Patent AF. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Deep, dark red. Profuse buds and blooms are colorfast and very long lasting. Vigorous, disease resistant plant. A.A.R.S. for 1962.				
520 No. 1	1.85	1.75	1.55	----
470 No. 1½	1.48	1.40	1.24	----
Pink Parfait, () 3 F. Patent No. 1904. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Perfect buds and high centered blooms borne profusely on a robust plant, all ideal for cutting. Delicate pastel blends vary with the weather from salmon-buff at the heart of the flower to rich rose-pink at the tips of the petals. Disease resistant. A.A.R.S. Award 1961.				
1500 No. 1	1.65	1.50	1.40	1.30
580 No. 1½	1.32	1.20	1.12	1.04
Queen Elizabeth, (9,0) 3 F. Patent No. 1259. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
700 No. 1	1.40	1.25	1.20	1.10
150 No. 1½	1.12	1.00	.96	----
Starfire, (8,1) 3 F. Patent No. 1742. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S. Award.				
420 No. 1½	1.12	1.00	.96	.88
War Dance, () Patent No. 2017. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Medium ovoid buds open to a double orange-red bloom of 28 to 40 petals. These cupped high-centered blooms are borne singly and in clusters; have good lasting qualities and a slight fragrance. Vigorous, bushy plant of spreading habit carries an abundance of large leathery foliage.				
150 No. 1	1.65	1.50	1.40	1.30
50 No. 1½	1.32	1.20	----	----

ROSES—Continued

MINIATURE ROSES

Tiny little roses adapted to potting. Fine with florists for Easter and Mother's Day sales; also hardy as garden plants.

1000 Pearl of Canada, 3/4 inch blooms of bright pink.

1500 Pompon de Paris, very small double bright red. Plant less than 6 inches high.

	Per 10	Per 100	Per 1000
2 inch pots.....	\$ 6.00	\$ 55.00	\$500.00

BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each
Curly Pink , (7.8) 3 F. Patent No. 842. (Retails \$2.25 ea.; 3 or more \$2.10 ea.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.			
120 No. 1	\$1.00	\$.90	\$.85
150 No. 1½ .....	.80	.72	.68
Queen o' the Lakes , (7.6) 2 F. Patent No. 1003. (Retails \$2.25 ea.; 3 or more \$2.10 ea.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.			
120 No. 1½ .....	.80	.72	.68

Peonies

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3/5 eye division, true to name, and from healthy 3 year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

500	Francois Ortegat , (8.7) Purplish crimson, midseason.		
800	Karl Rosenfield , (8.0) Very large, semi-rose type. Brilliant red. Late mid-season.		
4800	Rachel , (7.9) Rose type. Large double garnet flowers. Midseason.		
50	Sarah Bernhardt , (9.0) Double rose-pink with petals edged a trifle lighter. Late midseason.		
	Above varieties	Per 10 \$ 4.50	Per 100 \$ 40.00
450	Adolphe Rosseau , (8.5) Shining crimson with dark shading. Early.		
100	Mary Brand , (8.7) Red with little trace of purple. Long lasting cut flower. Does not fade in sun. Midseason.		
	Above varieties	Per 10 \$ 6.00	Per 100 \$ 55.00

PEONIES—By Color

1200	PINK	\$.35 each
500	RED .....	.30 each

Hardy Perennial Plants

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

ACHILLEA, Milfoil or Yarrow

Filipendulina (Fernleaf Yarrow). Golden floral heads during summer. Splendid for cutting and perennial border. 2 to 3 feet. -- \$ 1.80 \$ 15.00

Ptarmica, The Pearl (Sneezewort Yarrow). Large double white blooms during summer. Fine for cutting and borders. 18 inches. ----- 2.10 18.00

ALYSSUM, Rock Madwort

Saxatile compactum, Goldentuft Alyssum. Large clusters of bright yellow flowers in early spring. Fine for rockery or border. One of the best early yellows to use with Tulips. 12 inches. -- 1.80 15.00

AQUILEGIA, Columbine. May-June.

Chrysanthia, best long-spurred golden yellow flowers, 2½ ft. Late. 2.10 18.00

Crimson Star, large crimson flowers with white corolla. 24 in. ... 2.10 18.00

Lavender and Blue Shades, long spurred flowers. 2 ft. ----- 1.80 15.00

Rose Queen, rose with white corolla. 18 in. ----- 1.80 15.00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.

Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early. ----- \$ 1.80 \$ 15.00

Butterball, double, ball-like dark lemon yellow. Mid-August. 18 inch plant. ----- 2.10 18.00

Chippewa, double blooms of bright aster-purple. Hardy. Early. 2.10 18.00

Courageous, large, double flowers to 3½ inches. Dark ruby-red. Late. ----- 2.10 18.00

Early Harvest, double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches. ----- 2.10 18.00

Glacier, double blooms of pure glistening white. Compact plant. Early. 16 inches. ----- 2.10 18.00

Indiana, double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches. ----- 2.40 20.00

Magnificent, unusual rosy cardinal blooms on a fine plant. Mid-season. ----- 2.10 18.00

Pink No. 1092, lavender-pink upturned petals. Midseason. 18 in. 2.10 18.00

Purple Star, bright dahlia purple flowers of star-like shape. Early. 2 feet. ----- 2.10 18.00

September Bronze, golden bronze pompon. Late. 12 inches. ----- 2.10 18.00

White Cloud, vigorous pure white with a touch of pink at the center. Midseason. ----- 2.90 25.00

HARDY PERENNIAL PLANTS—Continued**CHRYSANTHEMUMS — CUSHIONS**

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion , double flowers in compact mounds of bronze and copper.	\$ 1.80	\$ 15.00
Lipstick , bright mound of crimson-red flowers on compact plant. Mid-September. 15 in.	2.10	18.00
Minnbronze , short bronze cushion. September 20.	3.00	25.00
Minnpink , rose-pink double blooms on compact plant. Prolific and hardy. Mid-September. 12 in.	3.00	25.00
Pink Cushion , masses of light pink flowers in broad mounds. ..	1.80	15.00
Powder Puff , best of the whites. Ivory white blooms on plant often twice as wide as high. Early September. 12 in.	3.00	25.00
Purple Cushion , perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00
Red Cushion , a splendid improved early crimson red.	1.80	15.00
White Cushion , double white flowers.	1.80	15.00
Yellow Cushion , pure golden yellow blooms that last well.	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.

Alaska Supreme , shapely plants, large flowers. June-July.	1.20	10.00
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DIANTHUS GRENADIN CARYOPHYLLUS**(HARDY CARNATION)**

This is the hardiest of all outdoor carnations. Very fragrant, fully double, producing flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Cardinal , bright scarlet.	\$ 1.80	\$ 15.00
Golden Sun , early, double, large clear yellow flowers.	1.80	15.00
Rose Queen Triumph , deep delicate pink.	1.80	15.00
White	1.80	15.00

DICENTRA, Bleeding Heart.

eximia , pink flowers. Fern leaves.	2.10	18.00
spectabilis , an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in. Undivided plants. 3 to 5 eye.	4.50	40.00

HEUCHERA, Coral bells.

Brizoides , coral-pink, very prolific. May. 12 in.	1.50	13.00
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IBERIS, Hardy Candytuft.

sempervirens , each plant is a sheet of white in May and June. Plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
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HARDY PERENNIAL PLANTS—Continued

Per 10 Per 100

LILY-OF-THE-VALLEY (*Convallaria majalis*)

Very fragrant pure white bell-shaped flowers for shaded locations.

Pips	\$.40	\$ 3.50
Clumps (10 pips each)	2.90	25.00

PHLOX — Paniculata

All varieties of Phlox are offered Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Adonis, scarlet crimson. Tall.	\$ 2.50	\$ 20.00
Border Queen, a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne, large heads of clear pink.	2.10	18.00
Charles Curtis, brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian, pure pink without any trace of magenta or rose. Very large florets. Blooms profusely.	1.80	15.00
Prime Minister, pure white and distinct crimson eye.	1.80	15.00
Progress, superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00
World Peace, pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white.	2.50	20.00

PHLOX, subulata, Moss or Mountain Pinks.

Atropurpurea, deep carmine red, darker eye. May-June. 4 inches.	1.80	15.00
Autumn Rose, pink, recurrent bloomer.	2.10	18.00
Blue Emerald Cushion, a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion, a new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow, free flowering, pure white. 6 inches.	2.10	18.00

PLATYCODON, Balloon Flower.

Blue. June and July. 18 inch.	1.40	12.00
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PYRETHRUM, Painted Daisy. May-June. 18 in.

hybridum roseum, soft pink and rose shades, single.	1.40	12.00
Robinsons Dark Crimson, flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2.10	18.00

SALVIA (Sage)

officinalis, edible, especially valuable for seasoning. 2 ft.	1.20	10.00
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HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
TEUCRIUM, Germander		
Chamaedrys, popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	\$ 2.50	\$ 22.50
VINCA MINOR		
Bowles, ground cover plant. Dark green glossy leaves and blue flowers.	2.50	20.00
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery and stands out among all other plants. June-July. From root divisions.	2.10	18.00

MEXICAN TUBEROSES

This is the best of all Tuberoses. Single flowering and very fragrant. Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1	\$.80	\$ 7.50	\$ 65.00

Lilies**Domestic Grown**

	Per 10	Per 100
tenuifolium (Coral Lily) Narrow-leaved; deep scarlet, waxen recurved flowers. June. 15 in.		
No. 1	\$ 1.00	\$ 8.00
No. 2 .....	.70	6.00

WOOD BOXING CHARGES

30x30x10	\$7.00	24x24x10	\$6.00
30x30x8	6.00	24x24x8	5.50
30x30x6	5.00	20x20x10	5.00
30x30x5	4.50	20x20x8	4.50

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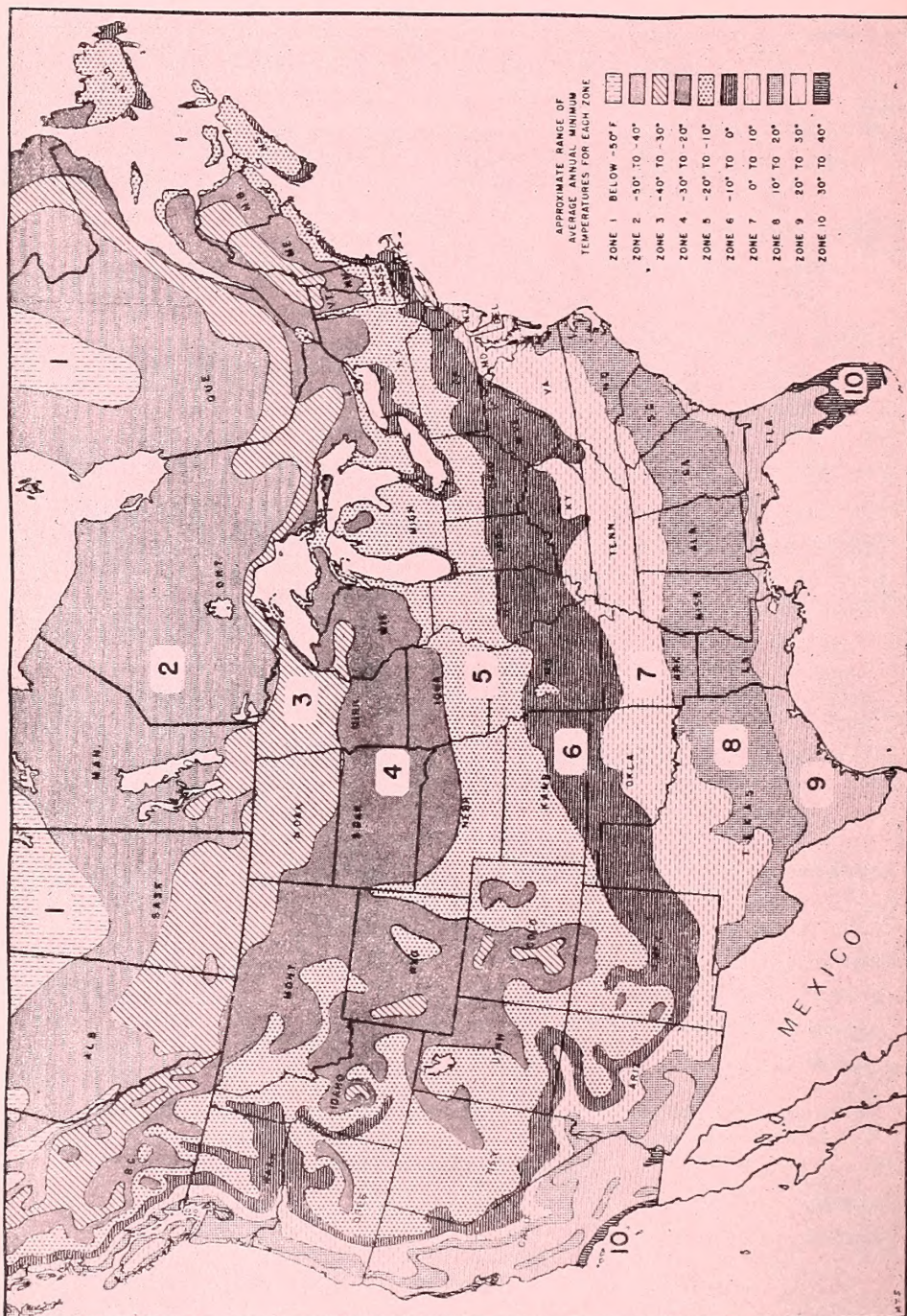
CORRUGATED BOXES

60x20x20	\$1.50	36x20x20	\$1.00
48x20x20	\$1.25		

BASKETS

1 bushel	\$0.50	½ bushel	\$0.35
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Bales will be charged at actual cost of material and labor.



THE NEW PLANT HARDINESS ZONE MAP

All plants zoned in this list are in accordance with the above map.
 Issued in May 1960 by the United States Department of Agriculture and the Agricultural Research Service.

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